



U.S. Department
of Transportation

Urban Mass
Transportation
Administration

BARTS

Transit Profiles

The Thirty Largest Agencies

For the
1990 Section 15
Report Year



November 1991

Audit Review and Analysis Division
Office of Capital and Formula Assistance

CAUTION: Extensive efforts have been made to assure the quality of information contained in this report. It is impossible, however, to achieve complete accuracy and consistency of the reported data. In addition, the reported data do not include all relevant information generally necessary to explain apparent differences in performance (e.g., information related to work rules, topography, climate, and unusual events such as strikes and service start-ups). Users of this report, therefore, should be careful not to draw unwarranted conclusions based solely on the data contained herein.

Transit Profiles

The Thirty Largest Agencies

For the 1990 Section 15 Report Year

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

Introduction

This publication consists of consolidated profiles for the thirty (30) largest transit agencies in the United States. The criteria used to determine the thirty (30) largest transit agencies is operating expense reported for the 1990 report year. The data contained in each profile consists of general and summary reports, as well as modal, performance, and trend indicators for the 1990 report year. The 1990 Report Year is defined as a transit reporting agency with a fiscal year ending on or between January 1 and December 31.

In order to provide a more user friendly and easily understood document, a unique publication name has been created for some transit agencies. There were 518 reports included in the Section 15 reporting system for the 1990 report year. Many transit systems have similar names such as "Mass Transportation Authority" or "Regional Transit District." The publication names attempt to place emphasis on urbanized area names to assist with geographical references and also to show relationships with regional governing bodies and contractual relationships with purchased transportation providers.

The left page of the profile shows both, general and financial system information. General information includes the Size of the Urbanized Area, Service Area, Service Supplied, Service Consumed, and the Number of Vehicles Operated in Maximum Service. Financial information includes the Sources of Operating Funds, Summary of Operating Expenses, and Sources of Capital Funds Expended. In addition, two pie graphs at the bottom of the page depict the Sources of Operating Funds and Sources of Capital Funds Expended. Pie graphs that have zero value or equal to 100% are not depicted. In addition, the pie graphs are not shown for Sources of Operating Funds where contractual relationships exist and/or where operating subsidiaries are derived from parent organizations.

The right page of the profile portrays transit system characteristics by mode. For systems with more than four modes, only the four largest modes are included. If a transit system operates either or both Motor Bus (MB) and Heavy Rail (HR), these modes will always appear in columns one and two respectively. Two other columns are provided if additional modes are operated (other than or in addition to the primary modes). The columns are arranged in descending order of their respective operating expense. Specific financial and service characteristics, as well as performance measures are listed for each mode. Performance measures have been derived from individual mode characteristic data. The performance measures indicate service efficiency, cost effectiveness and service effectiveness for each mode. These performance measures can be easily compared among various transit systems.

At the bottom of the right page are line graphs for selected performance measures. They are provided for the modes in columns 1 and 2 to indicate trend data from 1987 through 1990. Inconsistent patterns on the line graphs are due to certain anomalies in the database. There are several reasons for these anomalies. They include: 1) the transit agency

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commenced reporting after 1987; 2) a new mode was reported after 1987; 3) a report was not received for a given year between 1987 and 1990; 4) a waiver was granted for financial, and/or sampling information; and 5) data was either questionable, partially deleted, or zeroed for a given year.

For transit systems with purchased transportation relationships exceeding fifty (50) vehicles operated in maximum service, the reports of both the transit agency and the purchased transportation provider(s) have been consolidated in order to provide a comprehensive summary of financial performance as well as the amount of transit service supplied and consumed. Where this consolidation has occurred, a notation of the purchased transportation providers and Section 15 Identification Numbers has been made in the general information section and an asterisk has been placed next to the purchased transportation expense figure.

Financial information reported by transit agencies that file at one of the three voluntary reporting levels (A,B, or C) was aggregated to equivalent required - level (R) data for the profiles in this report.

Appendix A is an average of the thirty (30) largest agencies. Each data item is the average of the thirty (30) transit profiles included in this report. This average can be used to compare with individual transit system performance.

Appendix B provides a Cross Reference Table and indicates where each data item appearing in this Profile can be located in the Section 15 report filed by individual transit systems. For data items that were derived, the formula used to calculate each item is listed. Appendix B is based on a 1990 R (Required) reporting level.

Additional information can be obtained from the following reference materials:

- *Transit Profiles, Agencies in Urbanized Areas Exceeding 200,000 Population for the 1990 Section 15 Report Year*
- *Transit Profiles, Agencies in Urbanized Areas with a Population of less than 200,000 for the 1990 Section 15 Report Year*
- *Data Tables for the 1990 Section 15 Report Year*
- *National Transit Summaries and Trends for the 1990 Section 15 Report Year*
- *Glossary of Transit Terms, Used for the 1990-1991 Section 15 Report Year*

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**Transit Profiles, The Thirty Largest Agencies
for the 1990 Section 15 Report Year**

Transit Profiles

Metropolitan Atlanta Rapid Transit Authority (MARTA)

2424 Piedmont Road, N.E.
Atlanta, GA 30324
(404)848-5610

Chief Executive Officer: Kenneth M. Gregor,
General Manager

Section 15 ID Number: 4022

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Atlanta, GA	
Square Miles	1,137
Population	2,157,806
Population Ranking Out of 405 UZA's	12

Service Area Statistics

Square Miles	804
Population	1,224,600

Service Consumption

Annual Unlinked Trips	147,882,193
Annual Passenger Miles	632,737,662
Average Weekday Unlinked Trips	488,139
Average Saturday Unlinked Trips	285,025
Average Sunday Unlinked Trips	159,250

Service Supplied

Annual Vehicle Revenue Miles	41,684,717
Annual Vehicle Revenue Hours	2,647,061
Total Fleet	957
Vehicles Operated in Maximum Service	732
Base Period Requirement	374

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	563	18
Heavy Rail	138	0
Demand Response	0	13

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$58,094,997
Local Assistance	84,943,498
State Assistance	167,985
Federal Assistance	9,759,811
Other Revenues	42,216,012
Total Operating Funds	(1990) \$195,182,303
	(1989) \$170,041,973
	(1988) \$163,213,650

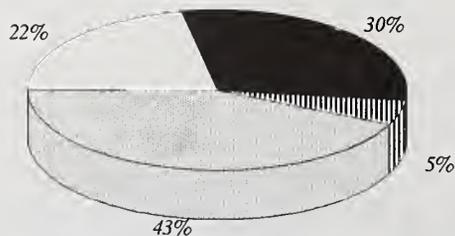
Summary of Operating Expenses

Salaries/Wages/Benefits	\$128,206,893
Materials & Supplies	19,415,982
Purchased Transportation	1,913,996
Other Expenses	16,288,540
Total Operating Expenses	(1990) \$165,825,411
	(1989) \$158,032,799
	(1988) \$147,991,972

Sources of Capital Funds Expended

Local Assistance	\$80,779,523
State Assistance	0
UMTA Sec. 3 Discretionary	\$33,430,819
UMTA Sec. 9 Formula	6,746,204
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	40,177,023
Total Capital Funds Expended	(1990) \$120,956,546
	(1989) \$100,259,297
	(1988) \$159,396,173

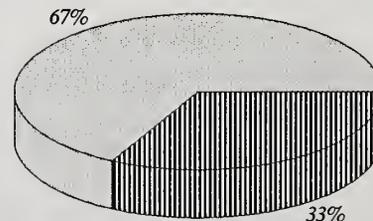
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Metropolitan Atlanta Rapid Transit Authority (MARTA)

Characteristics

	Motor Bus	Heavy Rail	Demand Response
Operating Expense	\$102,382,563	\$62,553,578	\$889,270
Annual Unlinked Trips	78,898,381	68,947,000	36,812
Annual Passenger Miles	272,290,605	360,042,125	404,932
Average Weekday Unlinked Trips	260,730	227,261	148
Annual Vehicle Revenue Hours	1,975,746	646,169	25,146
Annual Vehicle Revenue Miles	25,628,888	15,609,155	446,674
Fixed Guideway Directional Route Miles	0.2	67.0	0.0
Total Fleet	704	238	15
Vehicles Operated in Maximum Service	581	138	13
Peak to Base Ratio	2.1	1.4	4.3
Spare Ratio	21%	72%	15%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$51.82	\$96.81	\$35.36
Operating Expense/Vehicle Revenue Mile	\$3.99	\$4.01	\$1.99

Cost Effectiveness

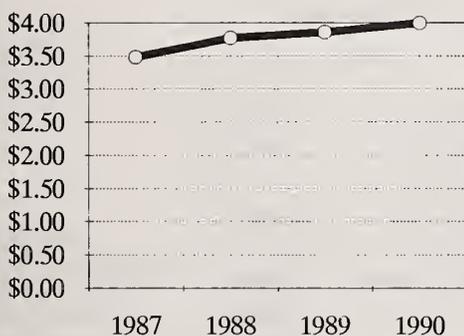
Operating Expense/Unlinked Passenger Trip	\$1.30	\$0.91	\$24.16
Operating Expense/Passenger Mile	\$0.38	\$0.17	\$2.20

Service Effectiveness

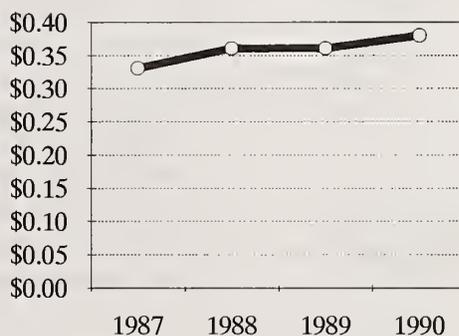
Unlinked Passenger Trips/Vehicle Revenue Hour	39.9	106.7	1.5
Unlinked Passenger Trips/Vehicle Revenue Mile	3.1	4.4	0.1

Motor Bus

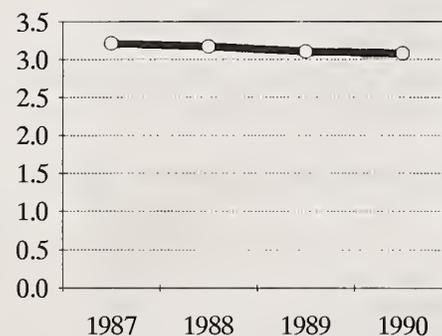
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

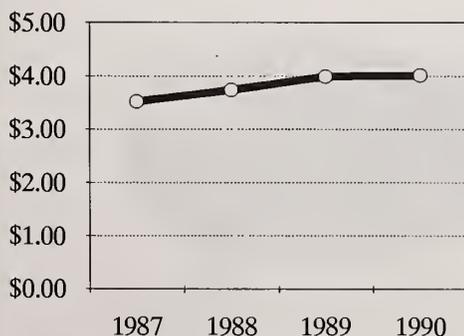


Passenger Trips Per Vehicle Revenue Mile



Heavy Rail

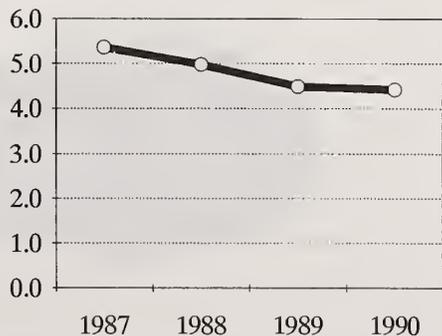
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Maryland Mass Transit Administration

(MTA)

1515 Washington Boulevard
Baltimore, MD 21230
(301)333-2865

Chief Executive Officer: Ronald J. Hartman,
Administrator/General Manager

Section 15 ID Number: 3034

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Baltimore, MD

Square Miles	593
Population	1,889,873
Population Ranking Out of 405 UZA's	17
Other UZA's Served:	7

Service Area Statistics

Square Miles	1,795
Population	2,077,667

Service Consumption

Annual Unlinked Trips	113,221,637
Annual Passenger Miles	384,900,387
Average Weekday Unlinked Trips	392,722
Average Saturday Unlinked Trips	169,420
Average Sunday Unlinked Trips	77,433

Service Supplied

Annual Vehicle Revenue Miles	26,048,829
Annual Vehicle Revenue Hours	2,015,955
Total Fleet	1,077
Vehicles Operated in Maximum Service	878
Base Period Requirement	348

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	715	56
Heavy Rail	60	0
Demand Response	15	32

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$65,962,040
Local Assistance		0
State Assistance		78,674,022
Federal Assistance		8,999,529
Other Revenues		1,534,827
Total Operating Funds	(1990)	\$155,170,418
	(1989)	\$141,706,590
	(1988)	\$125,519,869

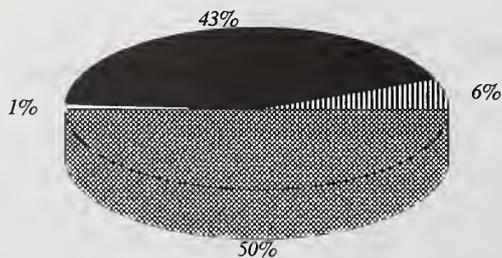
Summary of Operating Expenses

Salaries/Wages/Benefits		\$115,806,402
Materials & Supplies		16,416,134
Purchased Transportation		4,292,477
Other Expenses		15,239,995
Total Operating Expenses	(1990)	\$151,755,008
	(1989)	\$137,506,427
	(1988)	\$133,818,993

Sources of Capital Funds Expended

Local Assistance		\$15,000,000
State Assistance		92,593,823
UMTA Sec. 3 Discretionary	\$2,801,996	
UMTA Sec. 9 Formula	15,966,803	
UMTA Other Assistance	0	
Other Federal Assistance	49,612,065	
Federal Assistance Total		68,380,864
Total Capital Funds Expended	(1990)	\$175,974,687
	(1989)	\$69,037,361
	(1988)	\$30,651,634

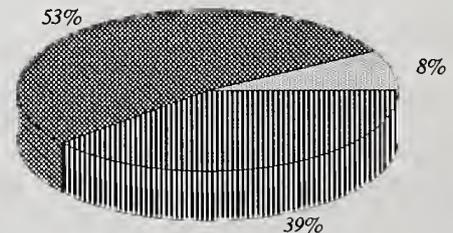
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Maryland Mass Transit Administration (MTA)

Characteristics

	Motor Bus	Heavy Rail	Demand Response
Operating Expense	\$116,276,385	\$32,599,526	\$2,879,097
Annual Unlinked Trips	99,426,446	13,612,246	182,945
Annual Passenger Miles	318,071,796	65,684,229	1,144,362
Average Weekday Unlinked Trips	343,859	48,193	670
Annual Vehicle Revenue Hours	1,787,653	161,949	66,353
Annual Vehicle Revenue Miles	21,404,779	3,690,964	953,086
Fixed Guideway Directional Route Miles	0.0	26.6	0.0
Total Fleet	924	100	53
Vehicles Operated in Maximum Service	771	60	47
Peak to Base Ratio	2.8	2.1	N/A
Spare Ratio	20%	67%	13%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$65.04	\$201.30	\$43.39
Operating Expense/Vehicle Revenue Mile	\$5.43	\$8.83	\$3.02

Cost Effectiveness

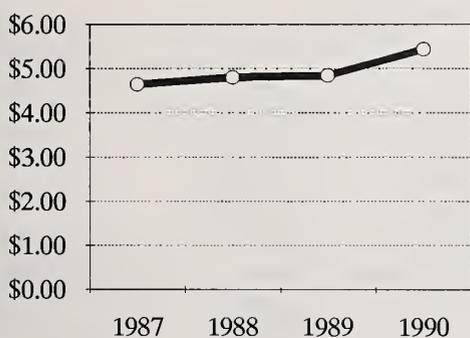
Operating Expense/Unlinked Passenger Trip	\$1.17	\$2.39	\$15.74
Operating Expense/Passenger Mile	\$0.37	\$0.50	\$2.52

Service Effectiveness

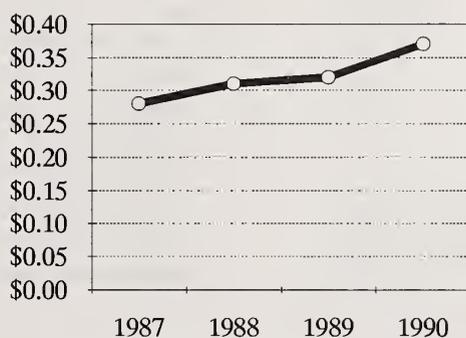
Unlinked Passenger Trips/Vehicle Revenue Hour	55.6	84.1	2.8
Unlinked Passenger Trips/Vehicle Revenue Mile	4.7	3.7	0.2

Motor Bus

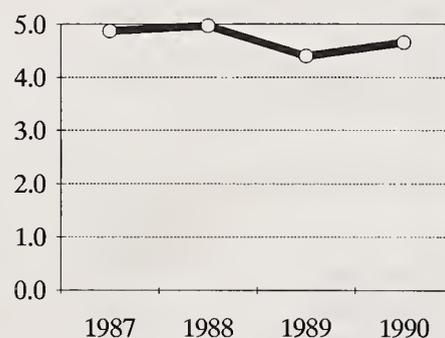
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

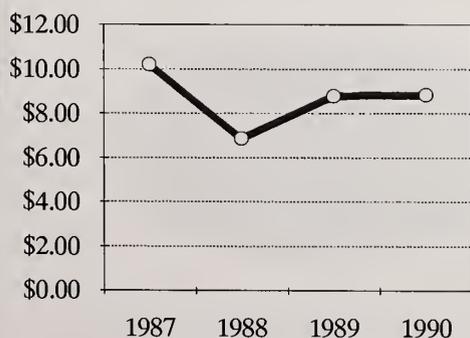


Passenger Trips Per Vehicle Revenue Mile

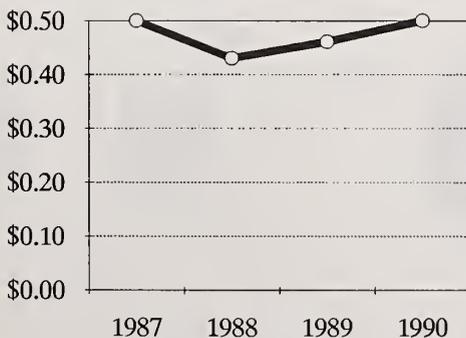


Heavy Rail

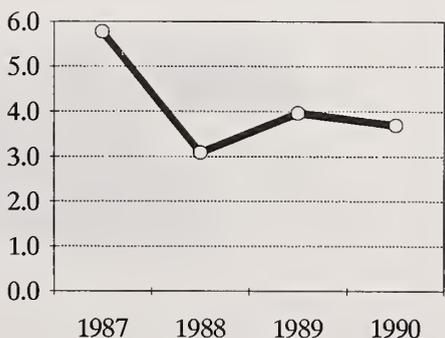
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Boston Massachusetts Bay Transportation Authority (MBTA)

10 Park Plaza
Boston, MA 02116
(617)722-3399

Chief Executive Officer: John J. Haley, Jr.,
General Manager

Section 15 ID Number: 1003

Purchased Transportation Providers: Boston-MBTA Contract Services- Amtrak (1100)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Boston, MA	
Square Miles	891
Population	2,775,370
Population Ranking Out of 405 UZA's	10
Other UZA's Served:	38, 111

Service Area Statistics

Square Miles	1,038
Population	2,602,487

Service Consumption

Annual Unlinked Trips	323,563,782
Annual Passenger Miles	1,190,030,207
Average Weekday Unlinked Trips	1,035,768
Average Saturday Unlinked Trips	700,559
Average Sunday Unlinked Trips	389,259

Service Supplied

Annual Vehicle Revenue Miles	66,235,748
Annual Vehicle Revenue Hours	4,002,930
Total Fleet	2,340
Vehicles Operated in Maximum Service	1,692
Base Period Requirement	867

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	752	106
Heavy Rail	320	0
Commuter Rail	0	273
Light Rail	139	0
Demand Response	0	69
Trolleybus	25	0
Ferry Boat	0	8

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$127,741,024
Local Assistance	103,301,198
State Assistance	322,875,029
Federal Assistance	18,463,034
Other Revenues	21,486,097
Total Operating Funds	(1990) \$593,866,382
	(1989) \$544,152,314
	(1988) \$506,052,472

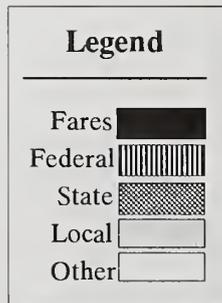
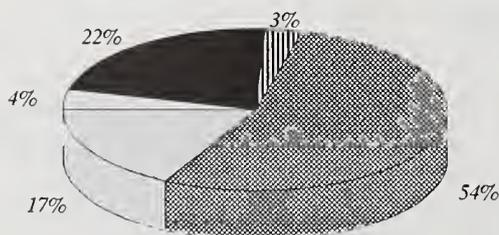
Summary of Operating Expenses

Salaries/Wages/Benefits	\$340,657,966
Materials & Supplies	25,030,914
Purchased Transportation	102,144,427 *
Other Expenses	64,436,844
Total Operating Expenses	(1990) \$532,270,151
	(1989) \$487,930,954
	(1988) \$433,390,771

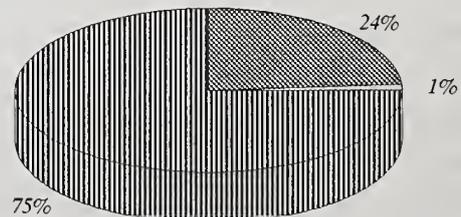
Sources of Capital Funds Expended

Local Assistance	\$1,721,305
State Assistance	34,399,244
UMTA Sec. 3 Discretionary	\$58,731,259
UMTA Sec. 9 Formula	23,138,897
UMTA Other Assistance	24,691,277
Other Federal Assistance	1,126,495
Federal Assistance Total	107,687,928
Total Capital Funds Expended	(1990) \$143,808,477
	(1989) \$142,428,352
	(1988) \$209,053,102

Sources of Operating Funds



Sources of Capital Funds Expended



Boston Massachusetts Bay Transportation Authority (MBTA)

Characteristics	Motor Bus	Heavy Rail	Commuter Rail	Light Rail
Operating Expense	\$174,304,989	\$220,101,472	\$89,141,309	\$27,326,177
Annual Unlinked Trips	96,904,093	179,762,139	19,207,977	23,354,792
Annual Passenger Miles	246,989,676	546,476,902	348,394,353	32,696,708
Average Weekday Unlinked Trips	308,219	562,621	77,340	72,396
Annual Vehicle Revenue Hours	2,047,533	1,098,892	505,600	116,909
Annual Vehicle Revenue Miles	25,907,779	23,186,347	13,186,126	1,294,977
Fixed Guideway Directional Route Miles	10.0	76.7	529.8	52.0
Total Fleet	1,223	404	345	237
Vehicles Operated in Maximum Service	858	320	273	139
Peak to Base Ratio	2.5	2.4	N/A	1.6
Spare Ratio	43%	26%	26%	71%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$85.13	\$200.29	\$176.31	\$233.74
Operating Expense/Vehicle Revenue Mile	\$6.73	\$9.49	\$6.76	\$21.10

Cost Effectiveness

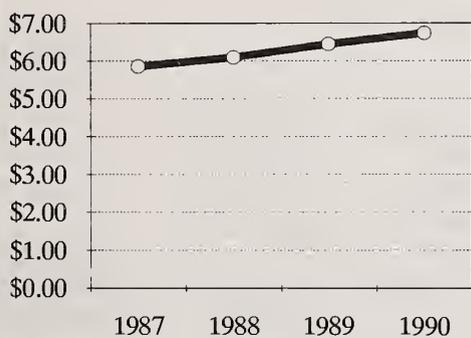
Operating Expense/Unlinked Passenger Trip	\$1.80	\$1.22	\$4.64	\$1.17
Operating Expense/Passenger Mile	\$0.71	\$0.40	\$0.26	\$0.84

Service Effectiveness

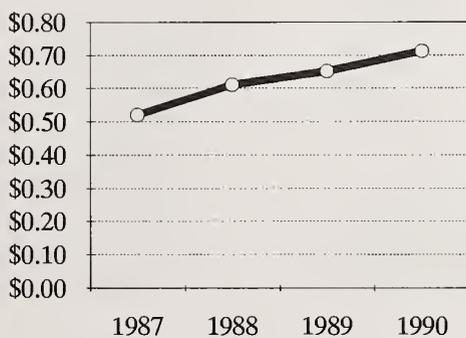
Unlinked Passenger Trips/Vehicle Revenue Hour	47.3	163.6	38.0	199.8
Unlinked Passenger Trips/Vehicle Revenue Mile	3.7	7.8	1.5	18.0

Motor Bus

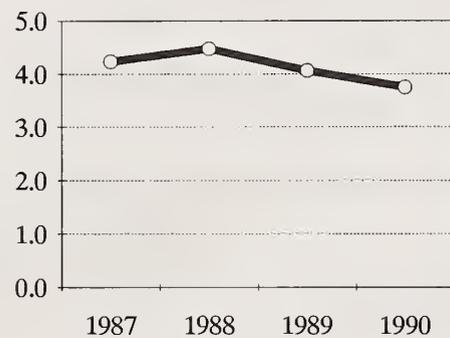
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

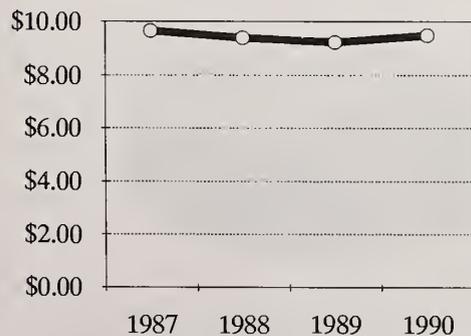


Passenger Trips Per Vehicle Revenue Mile

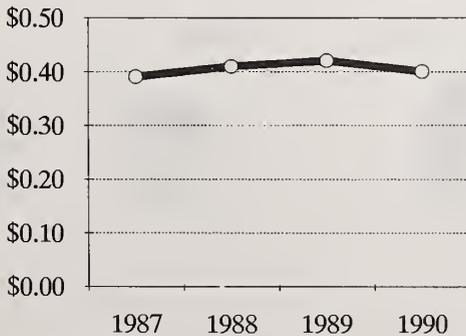


Heavy Rail

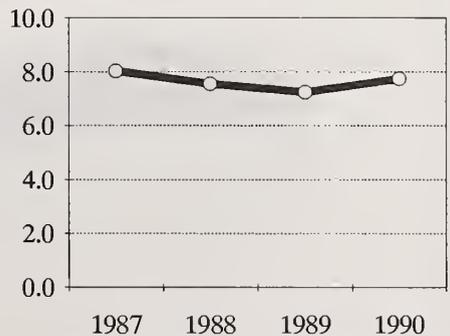
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Chicago RTA - Chicago Transit Authority (CTA)

P.O. Box 3555
Chicago, IL 60654
(312)664-7200

Chief Executive Officer: Alfred H. Savage,
Executive Director

Section 15 ID Number: 5066

Purchased Transportation Providers: Chicago RTA-CTA Contract Services Cook-DuPage Transportation Company, Inc. (5134)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Chicago, IL--Northwestern IN

Square Miles	1,585
Population	6,792,087
Population Ranking Out of 405 UZA's	3

Service Area Statistics

Square Miles	356
Population	3,708,773

Service Consumption

Annual Unlinked Trips	587,847,111
Annual Passenger Miles	2,003,897,855
Average Weekday Unlinked Trips	1,935,415
Average Saturday Unlinked Trips	1,082,755
Average Sunday Unlinked Trips	681,531

Service Supplied

Annual Vehicle Revenue Miles	133,761,350
Annual Vehicle Revenue Hours	9,661,723
Total Fleet	3,557
Vehicles Operated in Maximum Service	2,915
Base Period Requirement	1,530

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,806	0
Heavy Rail	924	0
Demand Response	0	185

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$342,876,677
Local Assistance	290,380,596
State Assistance	34,122,830
Federal Assistance	42,539,730
Other Revenues	13,550,108
Total Operating Funds	(1990) \$723,469,941
	(1989) \$668,938,260
	(1988) \$652,894,457

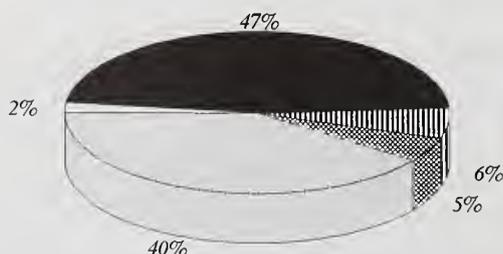
Summary of Operating Expenses

Salaries/Wages/Benefits	\$552,594,985
Materials & Supplies	81,044,819
Purchased Transportation	13,793,971 *
Other Expenses	73,333,364
Total Operating Expenses	(1990) \$720,767,139
	(1989) \$670,030,926
	(1988) \$657,717,753

Sources of Capital Funds Expended

Local Assistance	\$39,157,277
State Assistance	7,070,929
UMTA Sec. 3 Discretionary	\$12,704,500
UMTA Sec. 9 Formula	29,574,271
UMTA Other Assistance	13,513,730
Other Federal Assistance	0
Federal Assistance Total	55,792,501
Total Capital Funds Expended	(1990) \$102,020,707
	(1989) \$48,035,628
	(1988) \$35,731,808

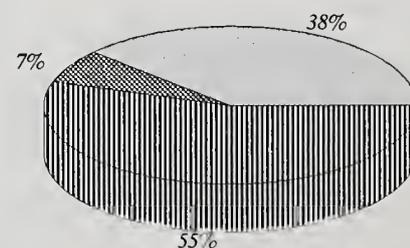
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Chicago RTA Chicago Transit Authority (CTA)

Characteristics

	Motor Bus	Heavy Rail	Demand Response
Operating Expense	\$422,581,707	\$283,403,346	\$14,782,086
Annual Unlinked Trips	421,183,734	165,732,575	930,802
Annual Passenger Miles	977,146,263	1,019,255,336	7,496,256
Average Weekday Unlinked Trips	1,368,018	564,404	2,993
Annual Vehicle Revenue Hours	7,239,415	2,422,308	0
Annual Vehicle Revenue Miles	72,521,993	56,581,556	4,657,801
Fixed Guideway Directional Route Miles	6.7	191.0	0.0
Total Fleet	2,140	1,214	203
Vehicles Operated in Maximum Service	1,806	924	185
Peak to Base Ratio	1.8	2.5	N/A
Spare Ratio	18%	31%	10%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$58.37	\$117.00	\$0.00
Operating Expense/Vehicle Revenue Mile	\$5.83	\$5.01	\$3.17

Cost Effectiveness

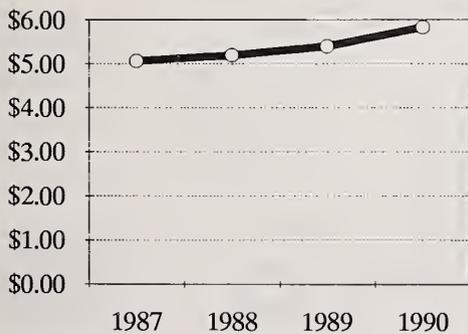
Operating Expense/Unlinked Passenger Trip	\$1.00	\$1.71	\$15.88
Operating Expense/Passenger Mile	\$0.43	\$0.28	\$1.97

Service Effectiveness

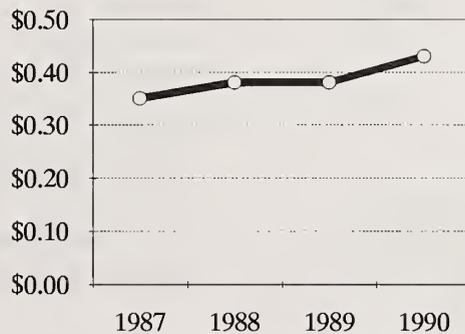
Unlinked Passenger Trips/Vehicle Revenue Hour	58.2	68.4	0.0
Unlinked Passenger Trips/Vehicle Revenue Mile	5.8	2.9	0.2

Motor Bus

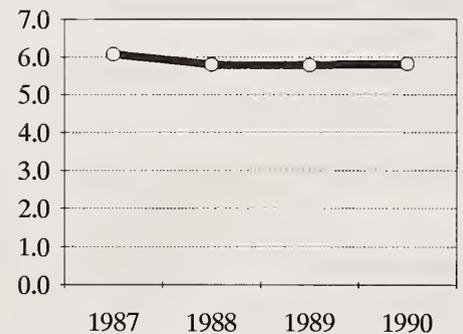
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

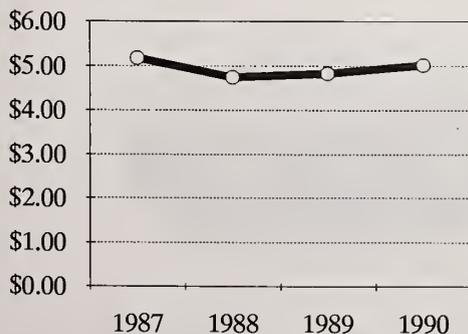


Passenger Trips Per Vehicle Revenue Mile

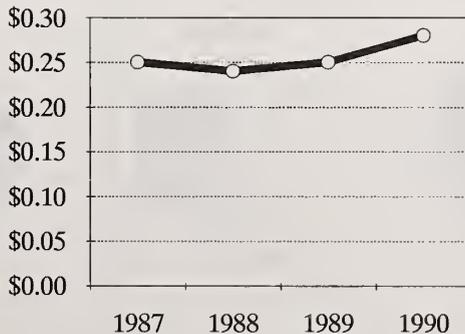


Heavy Rail

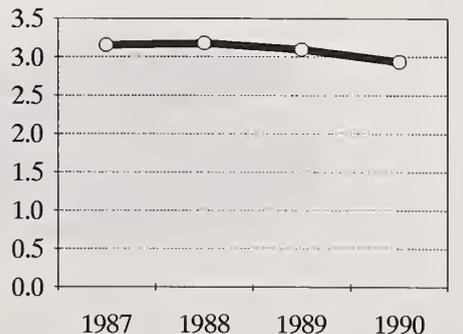
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1990 Section 15 Annual Report

Chicago RTA Northeastern Illinois Regional Commuter Railroad Corporation (Metra)

547 West Jackson Boulevard
Chicago, IL 60661
(312)322-6425

Chief Executive Officer: Philip A. Pagano,
Executive Director

Section 15 ID Number: 5118

Purchased Transportation Providers: Chicago RTA-Metra Contract Services- Chicago & Northwestern Transportation Company (5121)
Chicago RTA-Metra Contract Services- Burlington Northern Railroad Corporation (5122)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Chicago, IL--Northwestern IN

Square Miles	1,585
Population	6,792,087
Population Ranking Out of 405 UZA's	3

Service Area Statistics

Square Miles	3,721
Population	7,261,176

Service Consumption

Annual Unlinked Trips	64,058,422
Annual Passenger Miles	1,339,165,871
Average Weekday Unlinked Trips	252,486
Average Saturday Unlinked Trips	30,827
Average Sunday Unlinked Trips	14,265

Service Supplied

Annual Vehicle Revenue Miles	28,510,395
Annual Vehicle Revenue Hours	883,521
Total Fleet	1,015
Vehicles Operated in Maximum Service	935
Base Period Requirement	246

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Commuter Rail	393	542

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$149,638,241
Local Assistance		20,688,750
State Assistance		147,300,451
Federal Assistance		4,824,865
Other Revenues		21,020,248
Total Operating Funds	(1990)	\$343,472,555
	(1989)	\$335,989,161
	(1988)	\$316,561,572

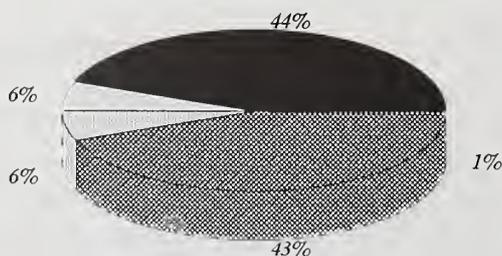
Summary of Operating Expenses

Salaries/Wages/Benefits		\$107,950,196
Materials & Supplies		13,731,639
Purchased Transportation		139,798,565 *
Other Expenses		23,721,048
Total Operating Expenses	(1990)	\$285,201,448
	(1989)	\$268,563,221
	(1988)	\$252,394,681

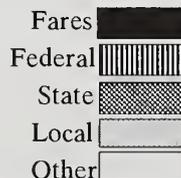
Sources of Capital Funds Expended

Local Assistance		\$66,172,878
State Assistance		13,090,863
UMTA Sec. 3 Discretionary	\$21,078,594	
UMTA Sec. 9 Formula	42,162,029	
UMTA Other Assistance	59,605	
Other Federal Assistance	0	
Federal Assistance Total		63,300,228
Total Capital Funds Expended	(1990)	\$142,563,969
	(1989)	\$92,266,415
	(1988)	\$58,888,495

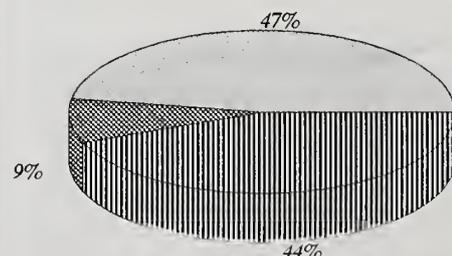
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



Chicago RTA Northeastern Illinois Regional Commuter Railroad Corporation (Metra)

**Commuter
Rail**

Characteristics

Operating Expense	\$285,201,448
Annual Unlinked Trips	64,058,422
Annual Passenger Miles	1,339,165,871
Average Weekday Unlinked Trips	252,486
Annual Vehicle Revenue Hours	883,521
Annual Vehicle Revenue Miles	28,510,395
Fixed Guideway Directional Route Miles	864.4
Total Fleet	1,015
Vehicles Operated in Maximum Service	935
Peak to Base Ratio	3.4
Spare Ratio	9%

Performance Measures

Service Efficiency

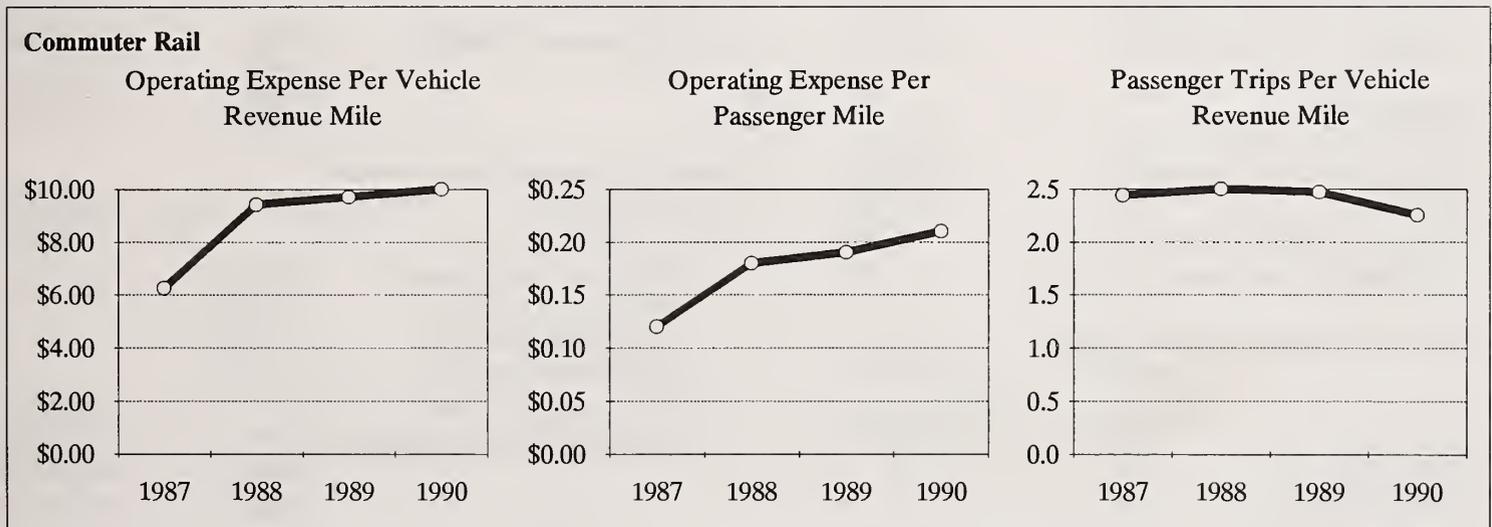
Operating Expense/Vehicle Revenue Hour	\$322.80
Operating Expense/Vehicle Revenue Mile	\$10.00

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$4.45
Operating Expense/Passenger Mile	\$0.21

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	72.5
Unlinked Passenger Trips/Vehicle Revenue Mile	2.3



Greater Cleveland Regional Transit Authority (RTA)

615 Superior Avenue, N.W.
Cleveland, OH 44113
(216)566-5275

Chief Executive Officer: Ronald J. Tober,
General Manager/Secretary Treasurer

Section 15 ID Number: 5015

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Cleveland, OH

Square Miles	636
Population	1,677,492
Population Ranking Out of 405 UZA's	21

Service Area Statistics

Square Miles	687
Population	1,688,676

Service Consumption

Annual Unlinked Trips	74,322,938
Annual Passenger Miles	290,175,840
Average Weekday Unlinked Trips	227,251
Average Saturday Unlinked Trips	148,186
Average Sunday Unlinked Trips	142,989

Service Supplied

Annual Vehicle Revenue Miles	26,593,663
Annual Vehicle Revenue Hours	1,711,482
Total Fleet	967
Vehicles Operated in Maximum Service	789
Base Period Requirement	390

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	589	57
Heavy Rail	38	0
Demand Response	47	28
Light Rail	30	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$38,308,455
Local Assistance		0
State Assistance		7,550,926
Federal Assistance		9,167,166
Other Revenues		98,905,931
Total Operating Funds	(1990)	\$153,932,478
	(1989)	\$152,384,584
	(1988)	\$144,232,531

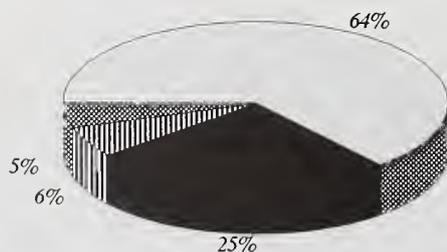
Summary of Operating Expenses

Salaries/Wages/Benefits		\$109,080,589
Materials & Supplies		17,460,691
Purchased Transportation		6,306,891
Other Expenses		15,076,950
Total Operating Expenses	(1990)	\$147,925,121
	(1989)	\$133,647,353
	(1988)	\$132,386,493

Sources of Capital Funds Expended

Local Assistance		\$15,023,718
State Assistance		2,074,498
UMTA Sec. 3 Discretionary	\$18,068,422	
UMTA Sec. 9 Formula	512,292	
UMTA Other Assistance	27,634,833	
Other Federal Assistance	0	
Federal Assistance Total		46,215,547
Total Capital Funds Expended	(1990)	\$63,313,763
	(1989)	\$40,617,671
	(1988)	\$19,677,132

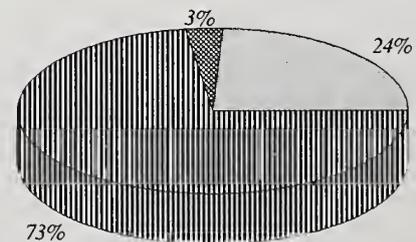
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Greater Cleveland Regional Transit Authority (RTA)

Characteristics	Motor Bus	Heavy Rail	Light Rail	Demand Response
Operating Expense	\$112,484,887	\$19,472,371	\$10,876,902	\$5,090,961
Annual Unlinked Trips	60,835,748	7,596,165	5,498,316	392,709
Annual Passenger Miles	196,817,880	57,513,363	34,063,000	1,781,597
Average Weekday Unlinked Trips	180,695	26,389	18,786	1,381
Annual Vehicle Revenue Hours	1,477,954	72,602	44,365	116,561
Annual Vehicle Revenue Miles	22,679,654	1,828,296	1,036,887	1,048,826
Fixed Guideway Directional Route Miles	0.0	38.2	26.7	0.0
Total Fleet	764	60	48	95
Vehicles Operated in Maximum Service	646	38	30	75
Peak to Base Ratio	2.1	3.0	4.0	0.3
Spare Ratio	18%	58%	60%	27%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$76.11	\$268.21	\$245.17	\$43.68
Operating Expense/Vehicle Revenue Mile	\$4.96	\$10.65	\$10.49	\$4.85

Cost Effectiveness

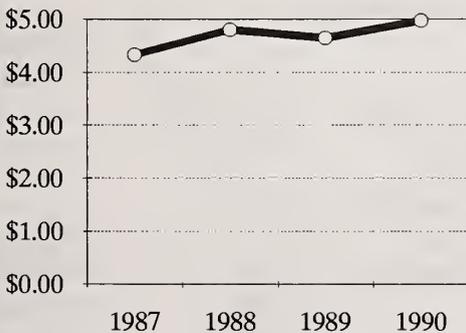
Operating Expense/Unlinked Passenger Trip	\$1.85	\$2.56	\$1.98	\$12.96
Operating Expense/Passenger Mile	\$0.57	\$0.34	\$0.32	\$2.86

Service Effectiveness

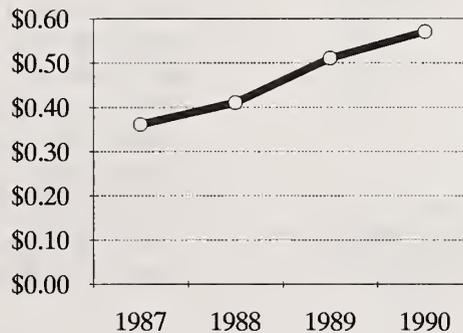
Unlinked Passenger Trips/Vehicle Revenue Hour	41.2	104.6	123.9	3.4
Unlinked Passenger Trips/Vehicle Revenue Mile	2.7	4.2	5.3	0.4

Motor Bus

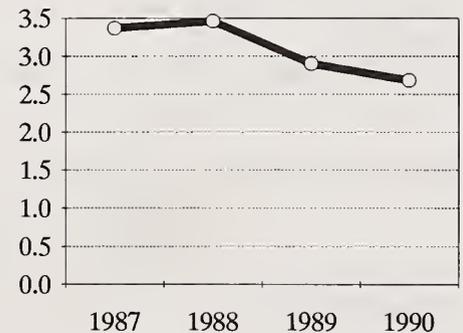
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

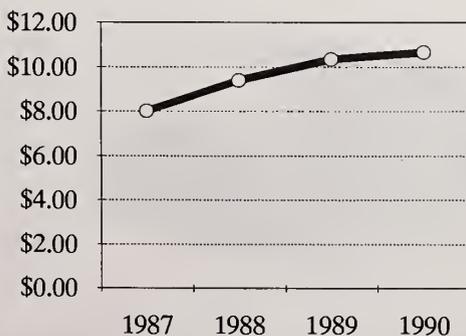


Passenger Trips Per Vehicle Revenue Mile

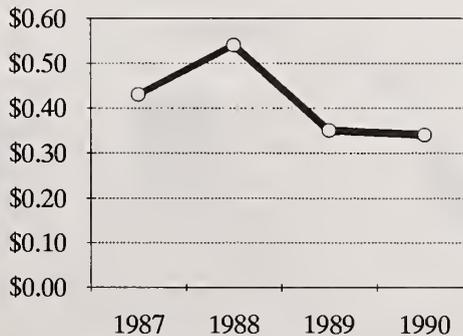


Heavy Rail

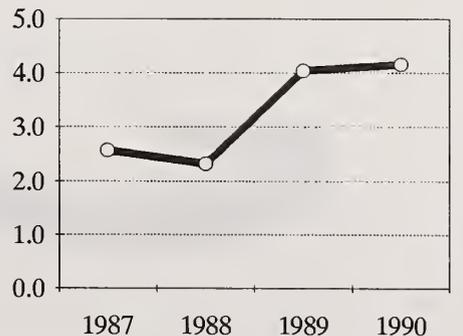
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Dallas Area Rapid Transit Authority (DART)

601 Pacific Avenue
Dallas, TX 75202
(214)658-6254

Chief Executive Officer: Charles S. Anderson,
Executive Director

Section 15 ID Number: 6056

Purchased Transportation Providers: Dallas-DART Contract Services- Trailways Commuter Transit, Inc. (6057)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Dallas--Fort Worth, TX	
Square Miles	1,443
Population	3,198,259
Population Ranking Out of 405 UZA's	8

Service Area Statistics

Square Miles	695
Population	1,708,617

Service Consumption

Annual Unlinked Trips	51,009,514
Annual Passenger Miles	223,904,092
Average Weekday Unlinked Trips	180,714
Average Saturday Unlinked Trips	67,088
Average Sunday Unlinked Trips	27,445

Service Supplied

Annual Vehicle Revenue Miles	30,559,144
Annual Vehicle Revenue Hours	1,975,966
Total Fleet	1,427
Vehicles Operated in Maximum Service	933
Base Period Requirement	440

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	517	213
Demand Response	0	203

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$27,401,554
Local Assistance		0
State Assistance		0
Federal Assistance		0
Other Revenues		224,830,164
Total Operating Funds	(1990)	\$252,231,718
	(1989)	\$237,631,107
	(1988)	\$215,543,103

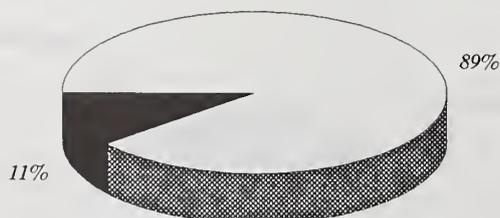
Summary of Operating Expenses

Salaries/Wages/Benefits		\$67,914,932
Materials & Supplies		11,182,589
Purchased Transportation		33,850,588 *
Other Expenses		8,587,426
Total Operating Expenses	(1990)	\$121,535,535
	(1989)	\$116,179,464
	(1988)	\$116,455,579

Sources of Capital Funds Expended

Local Assistance		\$3,255,308
State Assistance		166,688
UMTA Sec. 3 Discretionary	\$3,630,129	
UMTA Sec. 9 Formula	8,847,823	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Federal Assistance Total		12,477,952
Total Capital Funds Expended	(1990)	\$15,899,948
	(1989)	\$9,220,606
	(1988)	\$13,463,743

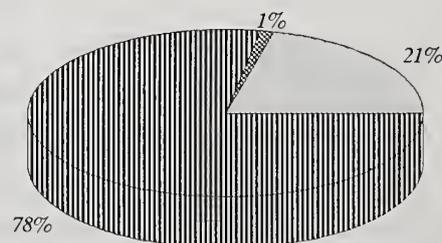
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Dallas Area Rapid Transit Authority (DART)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$111,754,043	\$9,781,492
Annual Unlinked Trips	50,134,558	874,956
Annual Passenger Miles	214,429,502	9,474,590
Average Weekday Unlinked Trips	177,759	2,955
Annual Vehicle Revenue Hours	1,588,961	387,005
Annual Vehicle Revenue Miles	23,552,171	7,006,973
Fixed Guideway Directional Route Miles	9.6	0.0
Total Fleet	887	540
Vehicles Operated in Maximum Service	730	203
Peak to Base Ratio	2.9	1.8
Spare Ratio	22%	166%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$70.33	\$25.27
Operating Expense/Vehicle Revenue Mile	\$4.74	\$1.40

Cost Effectiveness

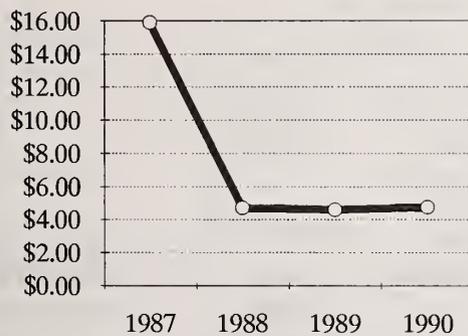
Operating Expense/Unlinked Passenger Trip	\$2.23	\$11.18
Operating Expense/Passenger Mile	\$0.52	\$1.03

Service Effectiveness

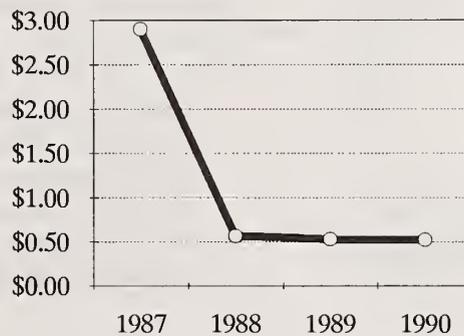
Unlinked Passenger Trips/Vehicle Revenue Hour	31.6	2.3
Unlinked Passenger Trips/Vehicle Revenue Mile	2.1	0.1

Motor Bus

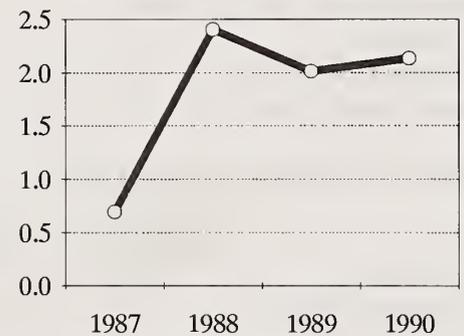
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

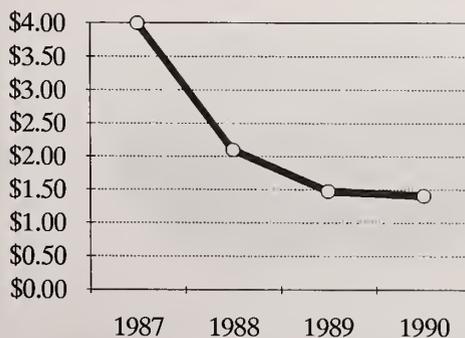


Passenger Trips Per Vehicle Revenue Mile

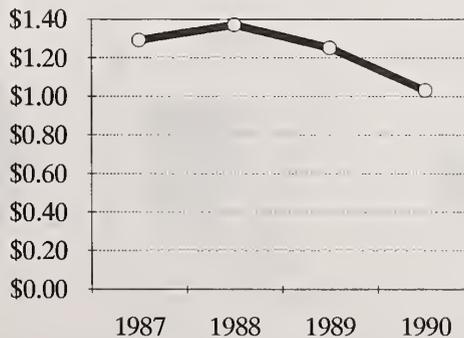


Demand Response

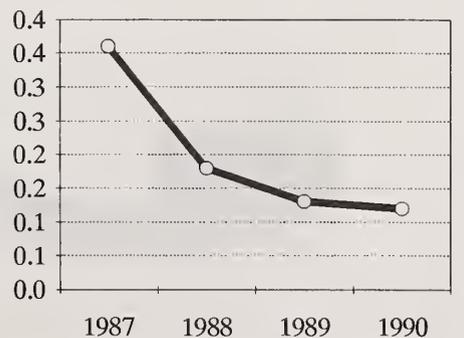
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1990 Section 15 Annual Report

Denver Regional Transportation District (RTD)

1600 Blake Street
Denver, CO 80202
(303)299-6832

Chief Executive Officer: Peter M. Cipolla,
General Manager

Section 15 ID Number: 8006

Purchased Transportation Providers: Denver-RTD Contract Services- Mayflower (8017)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Denver, CO	
Square Miles	459
Population	1,517,977
Population Ranking Out of 405 UZA's	22

Service Area Statistics

Square Miles	2,304
Population	1,789,672

Service Consumption

Annual Unlinked Trips	55,483,376
Annual Passenger Miles	228,043,328
Average Weekday Unlinked Trips	183,984
Average Saturday Unlinked Trips	89,341
Average Sunday Unlinked Trips	54,896

Service Supplied

Annual Vehicle Revenue Miles	24,395,030
Annual Vehicle Revenue Hours	1,621,376
Total Fleet	772
Vehicles Operated in Maximum Service	654
Base Period Requirement	342

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	502	124
Demand Response	4	24

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$26,948,214
Local Assistance	0
State Assistance	0
Federal Assistance	7,462,195
Other Revenues	110,766,100
Total Operating Funds	(1990) \$145,176,509
	(1989) \$130,064,517
	(1988) \$114,720,614

Summary of Operating Expenses

Salaries/Wages/Benefits	\$71,861,819
Materials & Supplies	13,887,405
Purchased Transportation	13,865,406 *
Other Expenses	12,089,334
Total Operating Expenses	(1990) \$111,703,964
	(1989) \$102,335,671
	(1988) \$98,548,961

Sources of Capital Funds Expended

Local Assistance	\$10,688,827
State Assistance	0
UMTA Sec. 3 Discretionary	\$9,865,796
UMTA Sec. 9 Formula	6,974,815
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	16,840,611
Total Capital Funds Expended	(1990) \$27,529,438
	(1989) \$25,673,037
	(1988) \$31,532,315

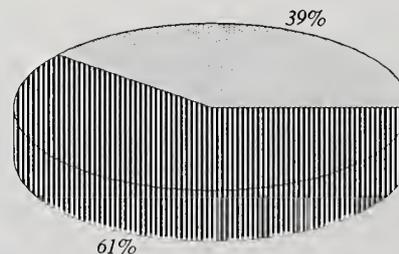
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Denver Regional Transportation District (RTD)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$110,158,417	\$1,545,547
Annual Unlinked Trips	55,274,884	208,492
Annual Passenger Miles	226,725,553	1,317,775
Average Weekday Unlinked Trips	183,253	731
Annual Vehicle Revenue Hours	1,573,399	47,977
Annual Vehicle Revenue Miles	23,849,737	545,293
Fixed Guideway Directional Route Miles	12.9	0.0
Total Fleet	739	33
Vehicles Operated in Maximum Service	626	28
Peak to Base Ratio	2.0	N/A
Spare Ratio	18%	18%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$70.01	\$32.21
Operating Expense/Vehicle Revenue Mile	\$4.62	\$2.83

Cost Effectiveness

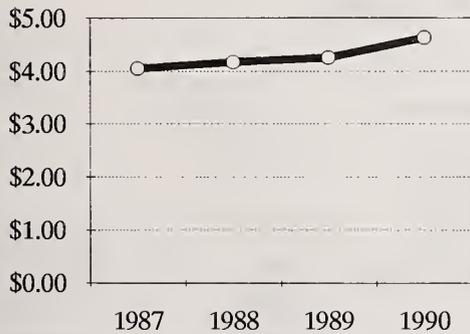
Operating Expense/Unlinked Passenger Trip	\$1.99	\$7.41
Operating Expense/Passenger Mile	\$0.49	\$1.17

Service Effectiveness

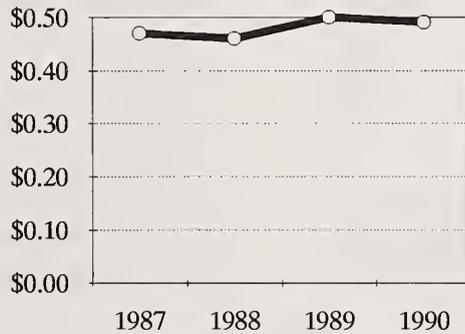
Unlinked Passenger Trips/Vehicle Revenue Hour	35.1	4.4
Unlinked Passenger Trips/Vehicle Revenue Mile	2.3	0.4

Motor Bus

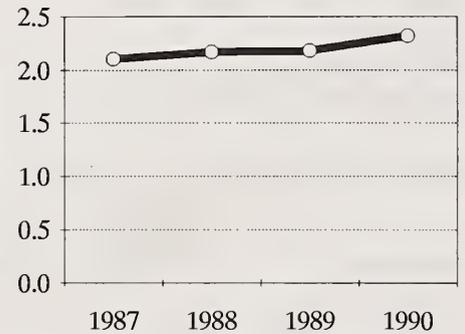
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

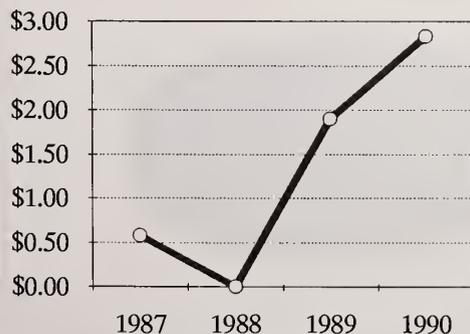


Passenger Trips Per Vehicle Revenue Mile

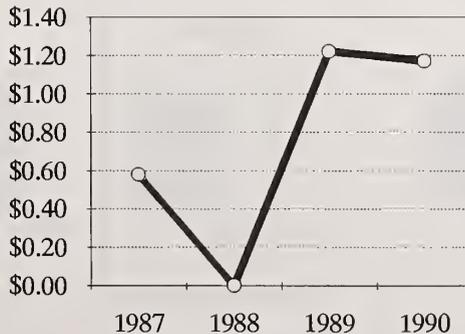


Demand Response

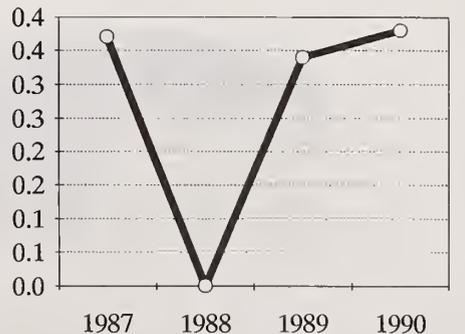
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



City of Detroit Department of Transportation (D-DOT)

1301 E. Warren
Detroit, MI 48207
(313)833-7365

Chief Executive Officer: Robert C. Polk,
Director

Section 15 ID Number: 5119

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Detroit, MI	
Square Miles	1,120
Population	3,697,529
Population Ranking Out of 405 UZA's	5

Service Area Statistics

Square Miles	361
Population	2,035,540

Service Consumption

Annual Unlinked Trips	83,653,204
Annual Passenger Miles	317,195,080
Average Weekday Unlinked Trips	285,420
Average Saturday Unlinked Trips	128,201
Average Sunday Unlinked Trips	72,494

Service Supplied

Annual Vehicle Revenue Miles	22,240,879
Annual Vehicle Revenue Hours	1,818,543
Total Fleet	574
Vehicles Operated in Maximum Service	477
Base Period Requirement	268

Vehicles Operated in Maximum Service

	<u>Directly Operated</u>	<u>Purchased Transportation</u>
Motor Bus	477	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$31,589,310
Local Assistance		38,985,578
State Assistance		46,818,278
Federal Assistance		13,043,425
Other Revenues		692,682
Total Operating Funds	(1990)	<u>\$131,129,273</u>
	(1989)	\$128,793,779
	(1988)	\$111,440,291

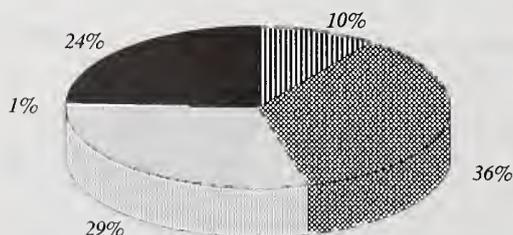
Summary of Operating Expenses

Salaries/Wages/Benefits		\$91,700,975
Materials & Supplies		16,850,088
Purchased Transportation		0
Other Expenses		26,511,462
Total Operating Expenses	(1990)	<u>\$135,062,525</u>
	(1989)	\$132,258,398
	(1988)	\$119,205,231

Sources of Capital Funds Expended

Local Assistance		\$0
State Assistance		4,221,790
UMTA Sec. 3 Discretionary	\$0	
UMTA Sec. 9 Formula	16,733,374	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Federal Assistance Total		<u>16,733,374</u>
Total Capital Funds Expended	(1990)	<u>\$20,955,164</u>
	(1989)	\$363,967
	(1988)	\$945,192

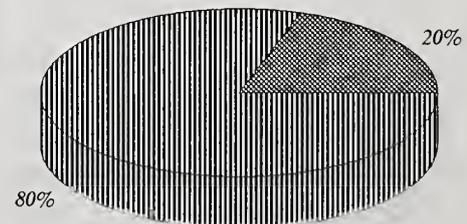
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



City of Detroit Department of Transportation (D-DOT)

Characteristics

	Motor Bus
Operating Expense	\$135,062,525
Annual Unlinked Trips	83,653,204
Annual Passenger Miles	317,195,080
Average Weekday Unlinked Trips	285,420
Annual Vehicle Revenue Hours	1,818,543
Annual Vehicle Revenue Miles	22,240,879
Fixed Guideway Directional Route Miles	0.0
Total Fleet	574
Vehicles Operated in Maximum Service	477
Peak to Base Ratio	1.8
Spare Ratio	20%

Performance Measures

Service Efficiency

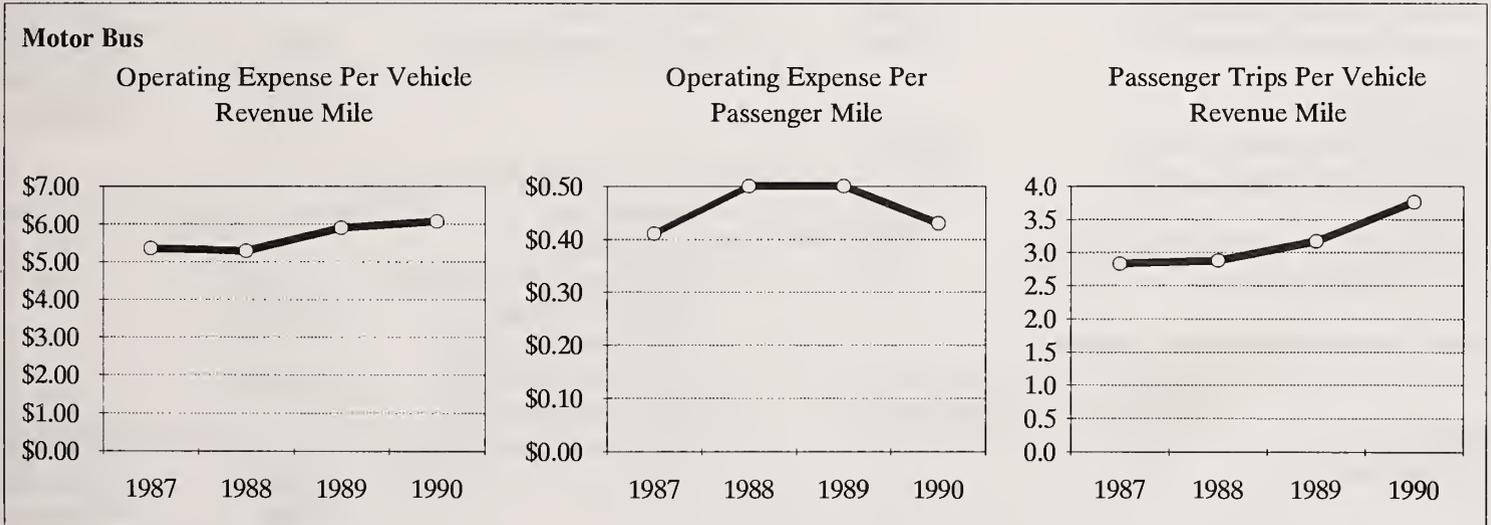
Operating Expense/Vehicle Revenue Hour	\$74.27
Operating Expense/Vehicle Revenue Mile	\$6.07

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.61
Operating Expense/Passenger Mile	\$0.43

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	46.0
Unlinked Passenger Trips/Vehicle Revenue Mile	3.8



City and County of Honolulu

Department of Transportation Services (HDOT)

650 South King Street, Third Floor
 Honolulu, HI 96813
 (808)523-4138

Chief Executive Officer: Joseph M. Magaldi,
 Director, Department of Transportation Services

Section 15 ID Number: 9002

Purchased Transportation Providers: Honolulu-HDOT Contract Services- Robert's Hawaii Leasing, Inc. (9133)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Honolulu, HI	
Square Miles	139
Population	632,603
Population Ranking Out of 405 UZA's	46
Other UZA's Served:	200
Service Area Statistics	
Square Miles	596
Population	841,600

Service Consumption

Annual Unlinked Trips	74,096,712
Annual Passenger Miles	344,303,462
Average Weekday Unlinked Trips	232,985
Average Saturday Unlinked Trips	169,426
Average Sunday Unlinked Trips	110,421

Service Supplied

Annual Vehicle Revenue Miles	17,760,423
Annual Vehicle Revenue Hours	1,289,721
Total Fleet	557
Vehicles Operated in Maximum Service	475
Base Period Requirement	265

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	408	0
Demand Response	0	67

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$24,313,963
Local Assistance	60,617,180
State Assistance	0
Federal Assistance	4,714,893
Other Revenues	1,134,616
Total Operating Funds	(1990) \$90,780,652
	(1989) \$5,225,318
	(1988) \$70,375,445

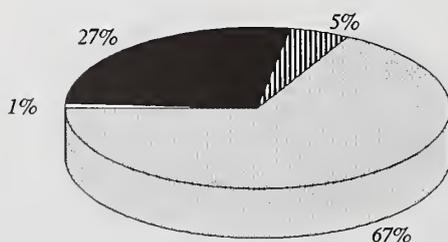
Summary of Operating Expenses

Salaries/Wages/Benefits	\$51,986,782
Materials & Supplies	9,846,885
Purchased Transportation	5,458,049 *
Other Expenses	13,544,599
Total Operating Expenses	(1990) \$80,836,315
	(1989) \$69,841,854
	(1988) \$67,294,894

Sources of Capital Funds Expended

Local Assistance	\$2,962,043
State Assistance	0
UMTA Sec. 3 Discretionary	\$14,556
UMTA Sec. 9 Formula	11,402,001
UMTA Other Assistance	0
Other Federal Assistance	52,303
Federal Assistance Total	11,468,860
Total Capital Funds Expended	(1990) \$14,430,903
	(1989) \$13,408,053
	(1988) \$22,900,014

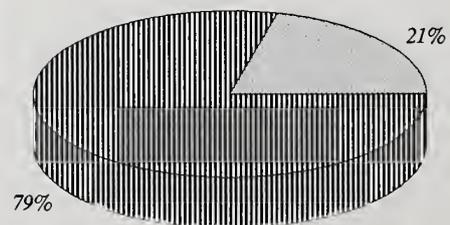
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



City and County of Honolulu Department of Transportation Services (HDOT)

Characteristics	Motor Bus	Demand Response
Operating Expense	\$75,253,198	\$5,583,117
Annual Unlinked Trips	73,513,409	583,303
Annual Passenger Miles	336,428,872	7,874,590
Average Weekday Unlinked Trips	230,693	2,292
Annual Vehicle Revenue Hours	1,076,066	213,655
Annual Vehicle Revenue Miles	15,110,771	2,649,652
Fixed Guideway Directional Route Miles	21.3	0.0
Total Fleet	472	85
Vehicles Operated in Maximum Service	408	67
Peak to Base Ratio	2.0	N/A
Spare Ratio	16%	27%

Performance Measures

Service Efficiency

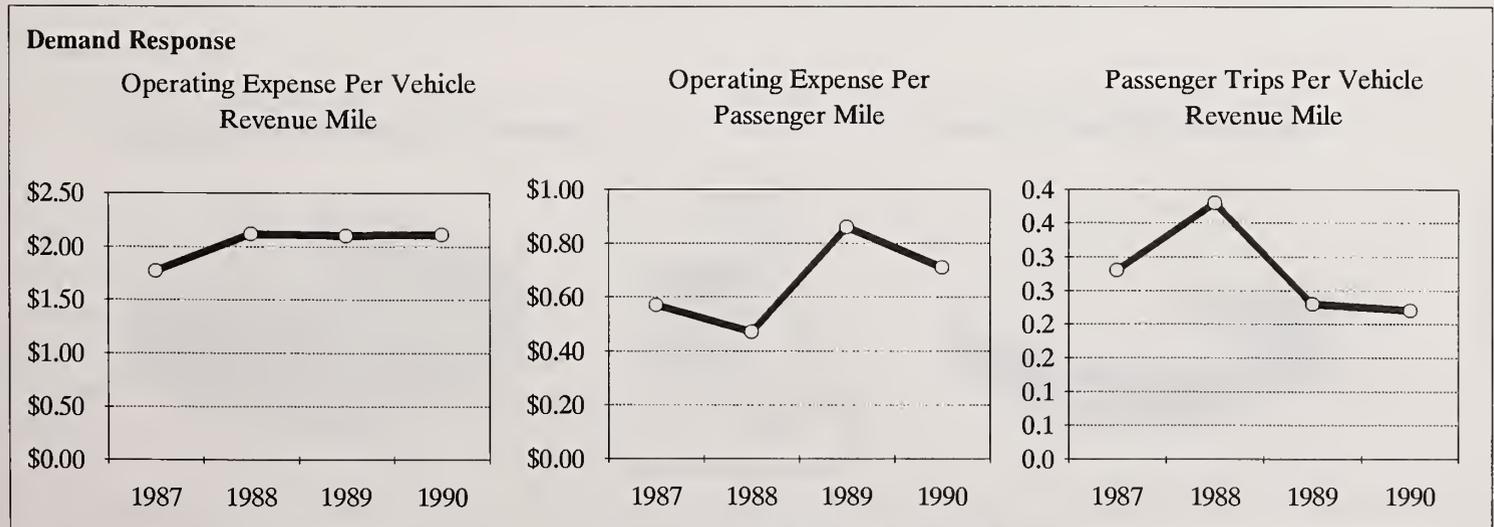
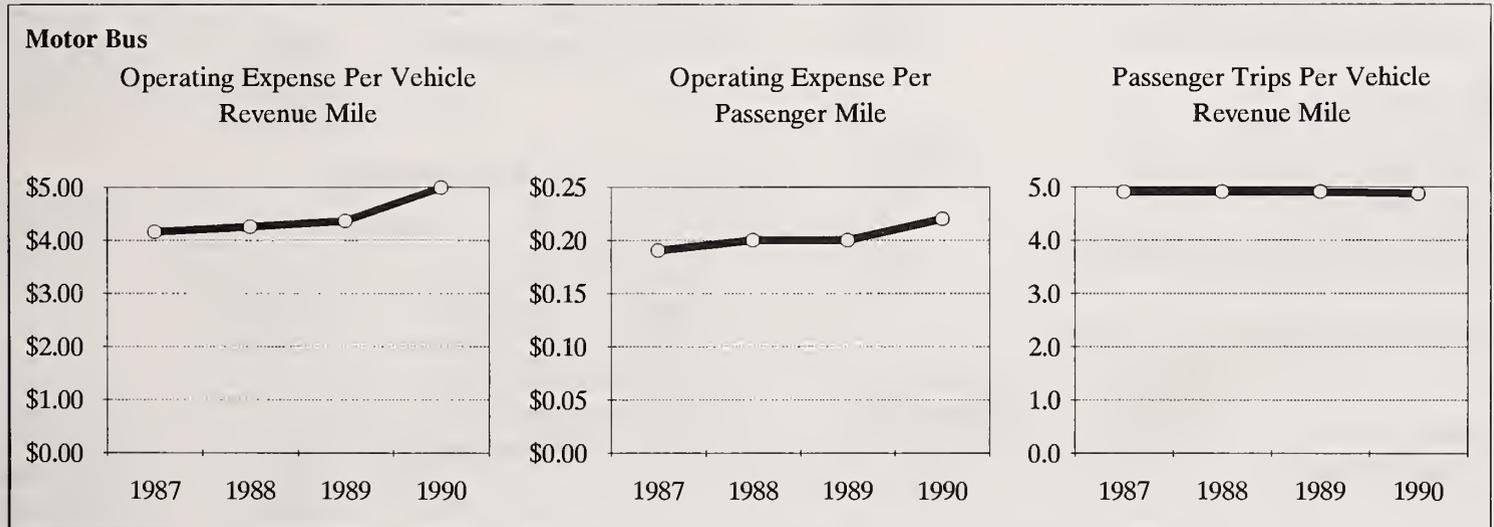
Operating Expense/Vehicle Revenue Hour	\$69.93	\$26.13
Operating Expense/Vehicle Revenue Mile	\$4.98	\$2.11

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.02	\$9.57
Operating Expense/Passenger Mile	\$0.22	\$0.71

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	68.3	2.7
Unlinked Passenger Trips/Vehicle Revenue Mile	4.9	0.2



Houston Metropolitan Transit Authority Harris County (Metro)

P.O. Box 61429 (1201 Louisiana)
Houston, TX 77208
(713)739-6925

Chief Executive Officer: Robert G. MacLennan,
General Manager

Section 15 ID Number: 6008

Purchased Transportation Providers: Houston-Metro Contract Services- ATC Management Corporation, Inc. (6071),
Houston-Metro Contract Services- GLK, Inc. (6061)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Houston, TX

Square Miles	1,178
Population	2,901,851
Population Ranking Out of 405 UZA's	9

Service Area Statistics

Square Miles	1,275
Population	2,403,000

Service Consumption

Annual Unlinked Trips	90,654,525
Annual Passenger Miles	462,417,189
Average Weekday Unlinked Trips	305,381
Average Saturday Unlinked Trips	166,288
Average Sunday Unlinked Trips	82,202

Service Supplied

Annual Vehicle Revenue Miles	35,855,688
Annual Vehicle Revenue Hours	2,447,144
Total Fleet	1,677
Vehicles Operated in Maximum Service	1,078
Base Period Requirement	583

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	793	92
Demand Response	64	129

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$40,204,410
Local Assistance	3,407,152
State Assistance	0
Federal Assistance	260,733
Other Revenues	248,829,302
Total Operating Funds	(1990) \$292,701,597
	(1989) \$80,704,599
	(1988) \$83,786,914

Summary of Operating Expenses

Salaries/Wages/Benefits	\$113,399,502
Materials & Supplies	18,118,189
Purchased Transportation	9,644,981 *
Other Expenses	1,408,490
Total Operating Expenses	(1990) \$142,571,162
	(1989) \$135,429,934
	(1988) \$134,148,779

Sources of Capital Funds Expended

Local Assistance	\$11,449,418
State Assistance	327,600
UMTA Sec. 3 Discretionary	\$16,513,044
UMTA Sec. 9 Formula	19,534,370
UMTA Other Assistance	189,661
Other Federal Assistance	0
Federal Assistance Total	36,237,075
Total Capital Funds Expended	(1990) \$48,014,093
	(1989) \$33,518,970
	(1988) \$45,471,700

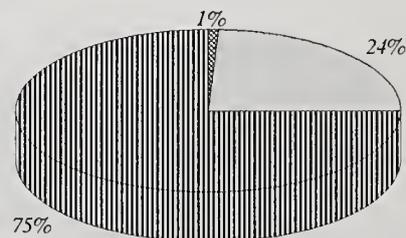
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Houston Metropolitan Transit Authority Harris County (Metro)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$136,399,249	\$6,171,913
Annual Unlinked Trips	90,117,353	537,172
Annual Passenger Miles	456,799,583	5,617,606
Average Weekday Unlinked Trips	302,745	2,636
Annual Vehicle Revenue Hours	2,166,283	280,861
Annual Vehicle Revenue Miles	31,050,100	4,805,588
Fixed Guideway Directional Route Miles	97.0	0.0
Total Fleet	1,015	662
Vehicles Operated in Maximum Service	885	193
Peak to Base Ratio	2.6	N/A
Spare Ratio	15%	243%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$62.96	\$21.97
Operating Expense/Vehicle Revenue Mile	\$4.39	\$1.28

Cost Effectiveness

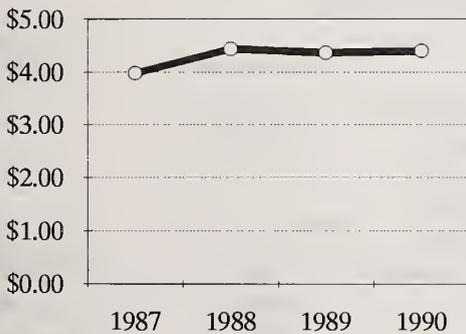
Operating Expense/Unlinked Passenger Trip	\$1.51	\$11.49
Operating Expense/Passenger Mile	\$0.30	\$1.10

Service Effectiveness

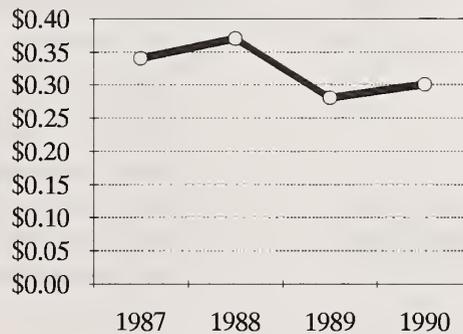
Unlinked Passenger Trips/Vehicle Revenue Hour	41.6	1.9
Unlinked Passenger Trips/Vehicle Revenue Mile	2.9	0.1

Motor Bus

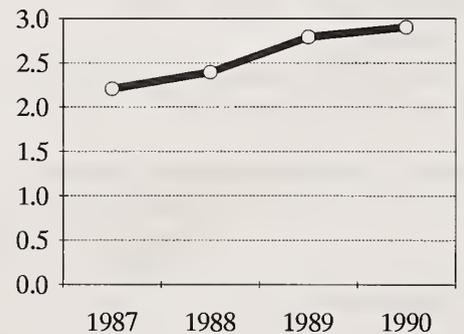
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

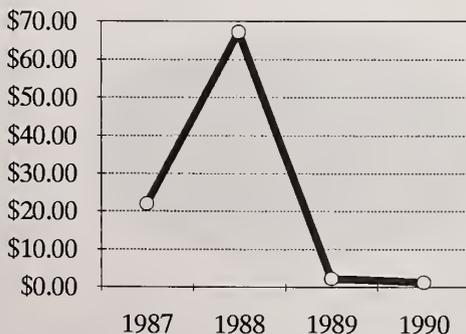


Passenger Trips Per Vehicle Revenue Mile

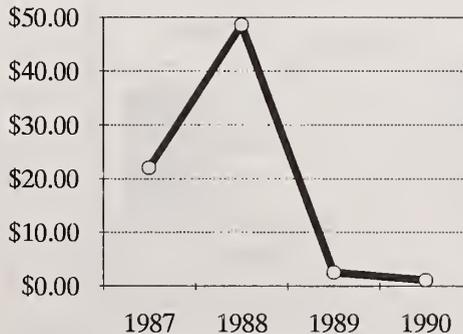


Demand Response

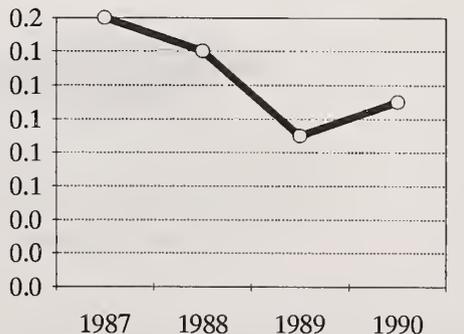
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Orange County Transit District (OCTD)

P.O. Box 3005, 11222 Acacia Parkway
Garden Grove, CA 92642
(714)638-9000

Chief Executive Officer: James P. Reichert,
General Manager

Section 15 ID Number: 9036

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Los Angeles, CA	
Square Miles	1,966
Population	11,402,946
Population Ranking Out of 405 UZA's	2

Service Area Statistics

Square Miles	797
Population	1,932,709

Service Consumption

Annual Unlinked Trips	46,336,476
Annual Passenger Miles	217,021,532
Average Weekday Unlinked Trips	152,103
Average Saturday Unlinked Trips	80,392
Average Sunday Unlinked Trips	55,856

Service Supplied

Annual Vehicle Revenue Miles	18,859,059
Annual Vehicle Revenue Hours	1,439,067
Total Fleet	634
Vehicles Operated in Maximum Service	515
Base Period Requirement	380

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	355	30
Demand Response	0	125
Vanpool	5	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$27,212,478
Local Assistance		63,229,196
State Assistance		112,079
Federal Assistance		9,892,825
Other Revenues		12,121,529
Total Operating Funds	(1990)	\$112,568,107
	(1989)	\$102,439,243
	(1988)	\$93,971,185

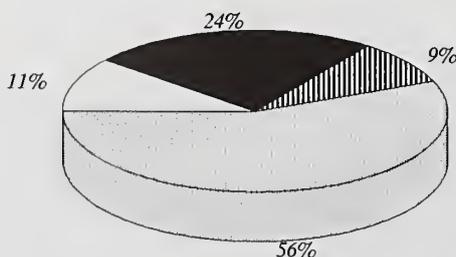
Summary of Operating Expenses

Salaries/Wages/Benefits		\$62,628,640
Materials & Supplies		10,163,303
Purchased Transportation		10,044,932
Other Expenses		9,092,241
Total Operating Expenses	(1990)	\$91,929,116
	(1989)	\$82,988,229
	(1988)	\$79,896,327

Sources of Capital Funds Expended

Local Assistance		\$21,181
State Assistance		4,734,824
UMTA Sec. 3 Discretionary	\$58,476	
UMTA Sec. 9 Formula	14,750,068	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Federal Assistance Total		14,808,544
Total Capital Funds Expended	(1990)	\$19,564,549
	(1989)	\$7,181,986
	(1988)	\$13,622,894

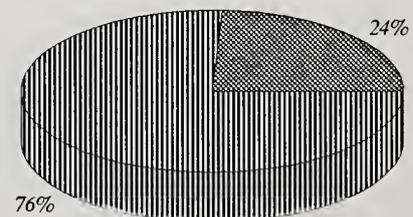
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Orange County Transit District (OCTD)

Characteristics

	Motor Bus	Demand Response	Vanpool
Operating Expense	\$85,484,710	\$6,347,260	\$97,146
Annual Unlinked Trips	44,845,722	1,484,900	5,854
Annual Passenger Miles	210,641,577	6,206,882	173,073
Average Weekday Unlinked Trips	146,472	5,610	21
Annual Vehicle Revenue Hours	1,231,589	204,688	2,790
Annual Vehicle Revenue Miles	16,153,005	2,661,756	44,298
Fixed Guideway Directional Route Miles	0.0	0.0	0.0
Total Fleet	473	156	5
Vehicles Operated in Maximum Service	385	125	5
Peak to Base Ratio	1.5	1.1	N/A
Spare Ratio	23%	25%	0%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$69.41	\$31.01	\$34.82
Operating Expense/Vehicle Revenue Mile	\$5.29	\$2.38	\$2.19

Cost Effectiveness

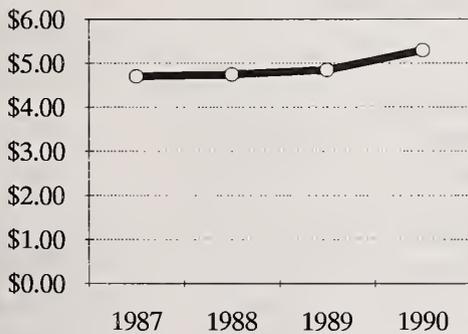
Operating Expense/Unlinked Passenger Trip	\$1.91	\$4.27	\$16.59
Operating Expense/Passenger Mile	\$0.41	\$1.02	\$0.56

Service Effectiveness

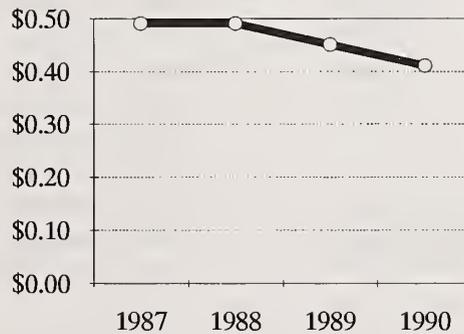
Unlinked Passenger Trips/Vehicle Revenue Hour	36.4	7.3	2.1
Unlinked Passenger Trips/Vehicle Revenue Mile	2.8	0.6	0.1

Motor Bus

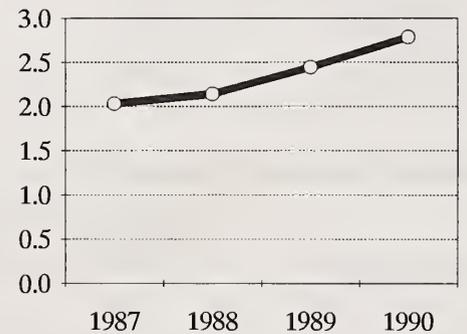
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

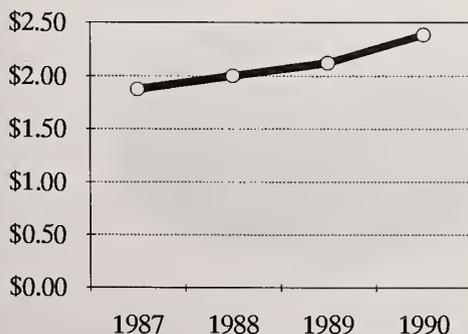


Passenger Trips Per Vehicle Revenue Mile

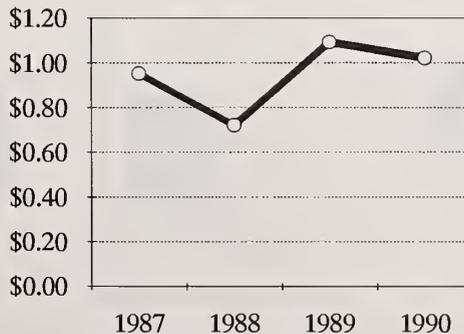


Demand Response

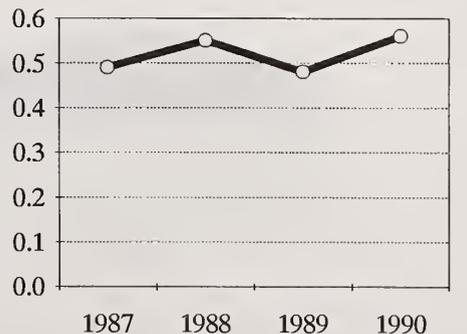
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Southern California Rapid Transit District (SCR TD)

425 South Main Street
Los Angeles, CA 90013
(213)972-6830

Chief Executive Officer: Alan F. Pegg,
General Manager

Section 15 ID Number: 9021

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Los Angeles, CA	
Square Miles	1,966
Population	11,402,946
Population Ranking Out of 405 UZA's	2
Other UZA's Served:	30, 63

Service Area Statistics

Square Miles	1,433
Population	7,154,679

Service Consumption

Annual Unlinked Trips	401,054,720
Annual Passenger Miles	1,612,752,024
Average Weekday Unlinked Trips	1,270,629
Average Saturday Unlinked Trips	846,215
Average Sunday Unlinked Trips	591,586

Service Supplied

Annual Vehicle Revenue Miles	86,591,596
Annual Vehicle Revenue Hours	6,953,650
Total Fleet	2,518
Vehicles Operated in Maximum Service	1,929
Base Period Requirement	577

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,929	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$239,904,679
Local Assistance	267,493,356
State Assistance	0
Federal Assistance	48,300,147
Other Revenues	9,439,135
Total Operating Funds	(1990) \$565,137,317
	(1989) \$533,116,710
	(1988) \$504,421,394

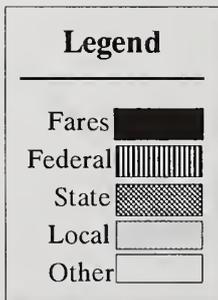
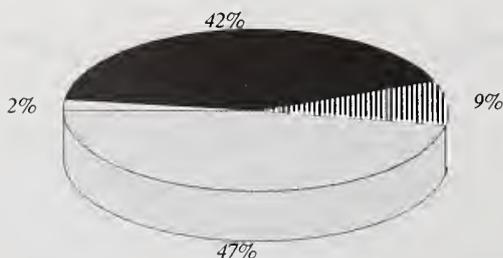
Summary of Operating Expenses

Salaries/Wages/Benefits	\$448,654,225
Materials & Supplies	68,450,468
Purchased Transportation	0
Other Expenses	36,098,144
Total Operating Expenses	(1990) \$553,202,837
	(1989) \$520,888,954
	(1988) \$492,576,499

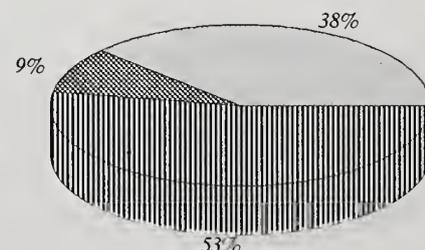
Sources of Capital Funds Expended

Local Assistance	\$131,242,860
State Assistance	32,588,065
UMTA Sec. 3 Discretionary	\$126,967,639
UMTA Sec. 9 Formula	59,489,445
UMTA Other Assistance	438,803
Other Federal Assistance	0
Federal Assistance Total	186,895,887
Total Capital Funds Expended	(1990) \$350,726,812
	(1989) \$321,037,436
	(1988) \$175,466,556

Sources of Operating Funds



Sources of Capital Funds Expended



Southern California Rapid Transit District (SCRTD)

Characteristics

Motor Bus

Operating Expense	\$553,202,837
Annual Unlinked Trips	401,054,720
Annual Passenger Miles	1,612,752,024
Average Weekday Unlinked Trips	1,270,629
Annual Vehicle Revenue Hours	6,953,650
Annual Vehicle Revenue Miles	86,591,596
Fixed Guideway Directional Route Miles	24.5
Total Fleet	2,518
Vehicles Operated in Maximum Service	1,929
Peak to Base Ratio	1.5
Spare Ratio	31%

Performance Measures

Service Efficiency

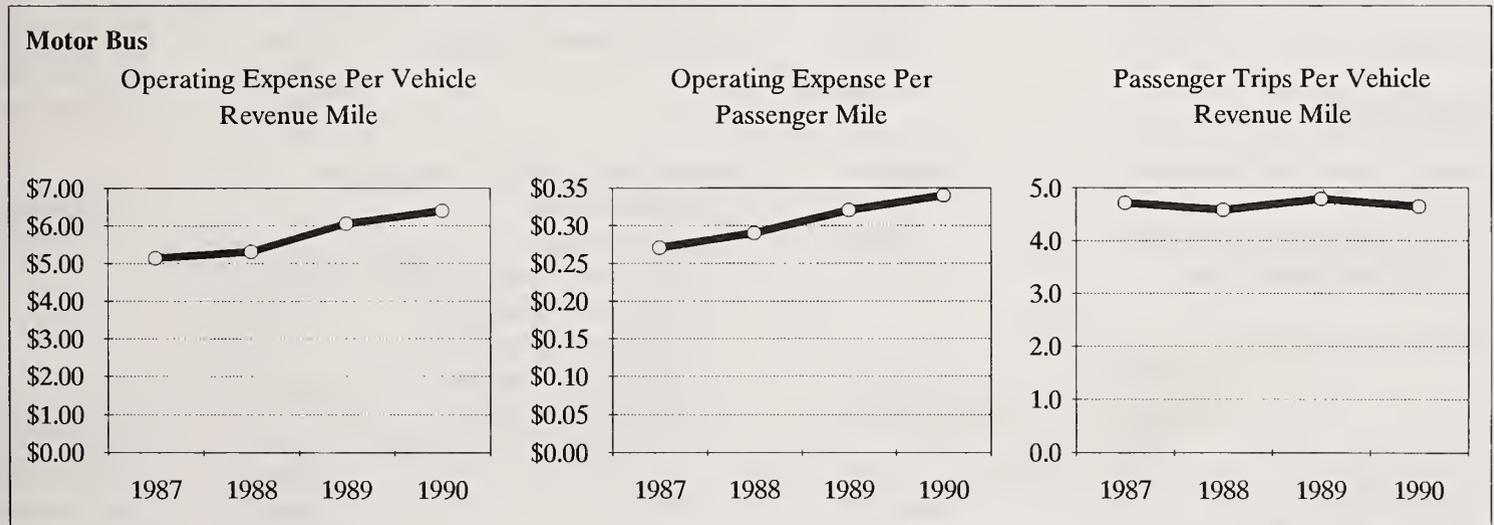
Operating Expense/Vehicle Revenue Hour	\$79.56
Operating Expense/Vehicle Revenue Mile	\$6.39

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.38
Operating Expense/Passenger Mile	\$0.34

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	57.7
Unlinked Passenger Trips/Vehicle Revenue Mile	4.6



Miami Metro-Dade Transit Agency (MDTA)

P.O. Box 010791, 111 N.W. First St.
Miami, FL 33101
(305)375-3244

Chief Executive Officer: Chester Colby,
Director

Section 15 ID Number: 4034

Purchased Transportation Providers: Miami-MDTA Contract Services- Comprehensive Paratransit Services (4075)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Miami--Hialeah, FL

Square Miles	353
Population	1,914,660
Population Ranking Out of 405 UZA's	16
Other UZA's Served:	26

Service Area Statistics

Square Miles	285
Population	1,735,000

Service Consumption

Annual Unlinked Trips	77,789,991
Annual Passenger Miles	367,429,734
Average Weekday Unlinked Trips	257,551
Average Saturday Unlinked Trips	143,402
Average Sunday Unlinked Trips	92,348

Service Supplied

Annual Vehicle Revenue Miles	32,492,450
Annual Vehicle Revenue Hours	2,509,904
Total Fleet	979
Vehicles Operated in Maximum Service	822
Base Period Requirement	577

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	412	89
Heavy Rail	82	0
Demand Response	0	230
Automated Guideway	9	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$56,880,537
Local Assistance	92,292,000
State Assistance	3,554,553
Federal Assistance	12,416,064
Other Revenues	2,560,129
Total Operating Funds	(1990) \$167,703,283
	(1989) \$155,924,331
	(1988) \$148,332,170

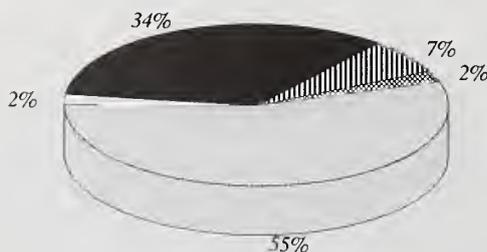
Summary of Operating Expenses

Salaries/Wages/Benefits	\$108,592,485
Materials & Supplies	14,123,714
Purchased Transportation	14,796,322 *
Other Expenses	25,135,533
Total Operating Expenses	(1990) \$162,648,054
	(1989) \$151,302,913
	(1988) \$142,546,887

Sources of Capital Funds Expended

Local Assistance	\$9,289,831
State Assistance	5,875,510
UMTA Sec. 3 Discretionary	\$15,051,086
UMTA Sec. 9 Formula	18,812,187
UMTA Other Assistance	95,687
Other Federal Assistance	0
Federal Assistance Total	33,958,960
Total Capital Funds Expended	(1990) \$49,124,301
	(1989) \$21,998,751
	(1988) \$37,504,204

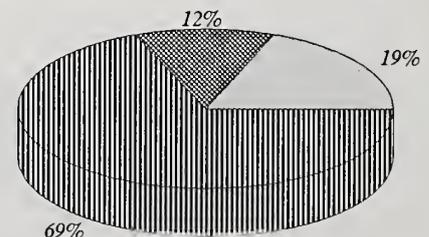
Sources of Operating Funds



Legend

Fares	■
Federal	▨
State	▩
Local	□
Other	□

Sources of Capital Funds Expended



Miami Metro-Dade Transit Agency (MDTA)

Characteristics	Motor Bus	Heavy Rail	Demand Response	Automated Guideway
Operating Expense	\$103,265,692	\$41,960,617	\$10,971,501	\$6,450,244
Annual Unlinked Trips	60,267,018	13,621,918	666,332	3,234,723
Annual Passenger Miles	249,405,858	109,692,672	5,607,242	2,723,962
Average Weekday Unlinked Trips	198,368	45,606	2,255	11,322
Annual Vehicle Revenue Hours	1,839,899	178,910	457,914	33,181
Annual Vehicle Revenue Miles	21,827,784	5,444,410	4,860,015	360,241
Fixed Guideway Directional Route Miles	15.2	42.2	0.0	3.9
Total Fleet	601	136	230	12
Vehicles Operated in Maximum Service	501	82	230	9
Peak to Base Ratio	1.4	2.7	N/A	1.1
Spare Ratio	20%	66%	0%	33%

Performance Measures

Service Efficiency

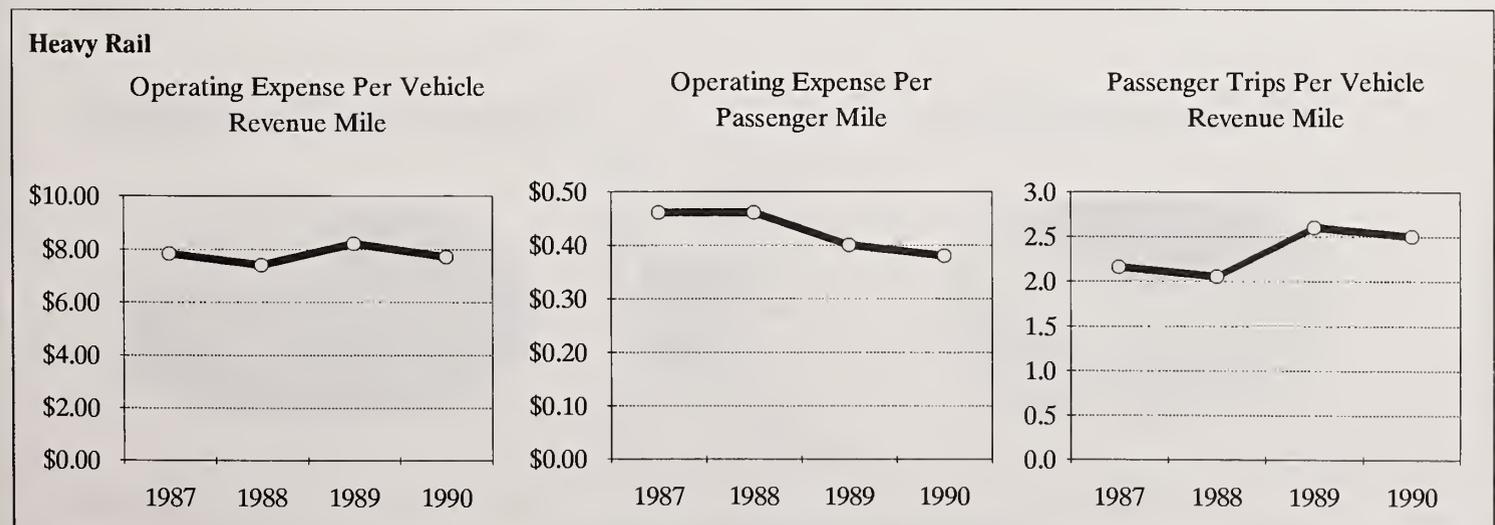
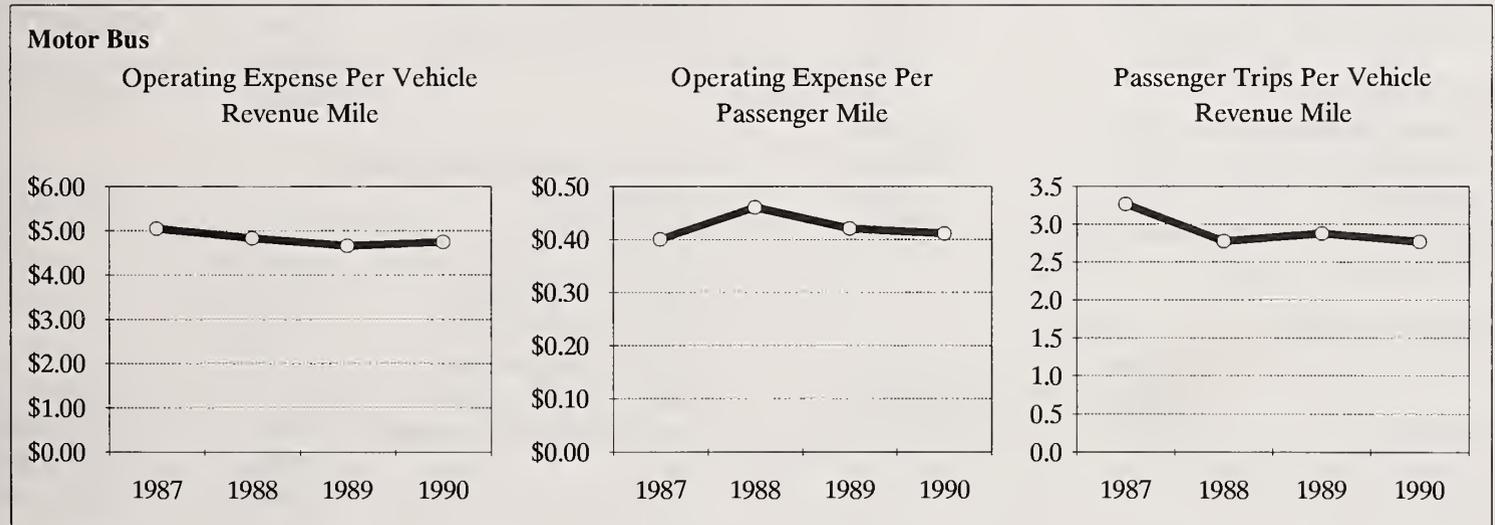
Operating Expense/Vehicle Revenue Hour	\$56.13	\$234.53	\$23.96	\$194.40
Operating Expense/Vehicle Revenue Mile	\$4.73	\$7.71	\$2.26	\$17.91

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.71	\$3.08	\$16.47	\$1.99
Operating Expense/Passenger Mile	\$0.41	\$0.38	\$1.96	\$2.37

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	32.8	76.1	1.5	97.5
Unlinked Passenger Trips/Vehicle Revenue Mile	2.8	2.5	0.1	9.0



Minneapolis-St. Paul Metropolitan Transit Commission (MTC)

560 6th Avenue North
Minneapolis, MN 55411
(612)349-7701

Chief Executive Officer: Michael D. Christenson,
Chief Administrator

Section 15 ID Number: 5027

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Minneapolis--St. Paul, MN

Square Miles	1,063
Population	2,079,676
Population Ranking Out of 405 UZA's	13

Service Area Statistics

Square Miles	1,060
Population	2,050,278

Service Consumption

Annual Unlinked Trips	69,588,432
Annual Passenger Miles	263,284,237
Average Weekday Unlinked Trips	236,658
Average Saturday Unlinked Trips	110,963
Average Sunday Unlinked Trips	58,710

Service Supplied

Annual Vehicle Revenue Miles	21,634,792
Annual Vehicle Revenue Hours	1,556,802
Total Fleet	1,010
Vehicles Operated in Maximum Service	869
Base Period Requirement	278

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	858	11

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$32,462,018
Local Assistance		71,584,743
State Assistance		0
Federal Assistance		7,326,302
Other Revenues		4,855,047
Total Operating Funds	(1990)	\$116,228,110
	(1989)	\$110,288,480
	(1988)	\$123,085,311

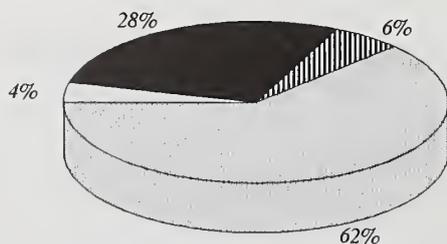
Summary of Operating Expenses

Salaries/Wages/Benefits		\$88,852,929
Materials & Supplies		12,398,775
Purchased Transportation		430,258
Other Expenses		7,568,377
Total Operating Expenses	(1990)	\$109,250,339
	(1989)	\$103,362,677
	(1988)	\$98,053,871

Sources of Capital Funds Expended

Local Assistance		\$7,913,104
State Assistance		0
UMTA Sec. 3 Discretionary	\$5,836,783	
UMTA Sec. 9 Formula	14,035,293	
UMTA Other Assistance	2,113	
Other Federal Assistance	-4,267	
Federal Assistance Total		19,869,922
Total Capital Funds Expended	(1990)	\$27,783,026
	(1989)	\$25,010,688
	(1988)	\$18,924,321

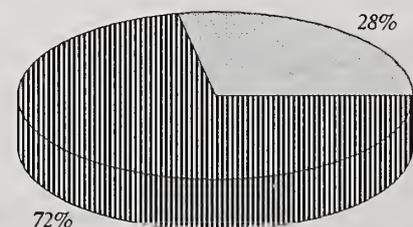
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Minneapolis-St. Paul Metropolitan Transit Commission (MTC)

Characteristics

	Motor Bus
Operating Expense	\$109,250,339
Annual Unlinked Trips	69,588,432
Annual Passenger Miles	263,284,237
Average Weekday Unlinked Trips	236,658
Annual Vehicle Revenue Hours	1,556,802
Annual Vehicle Revenue Miles	21,634,792
Fixed Guideway Directional Route Miles	15.1
Total Fleet	1,010
Vehicles Operated in Maximum Service	869
Peak to Base Ratio	3.1
Spare Ratio	16%

Performance Measures

Service Efficiency

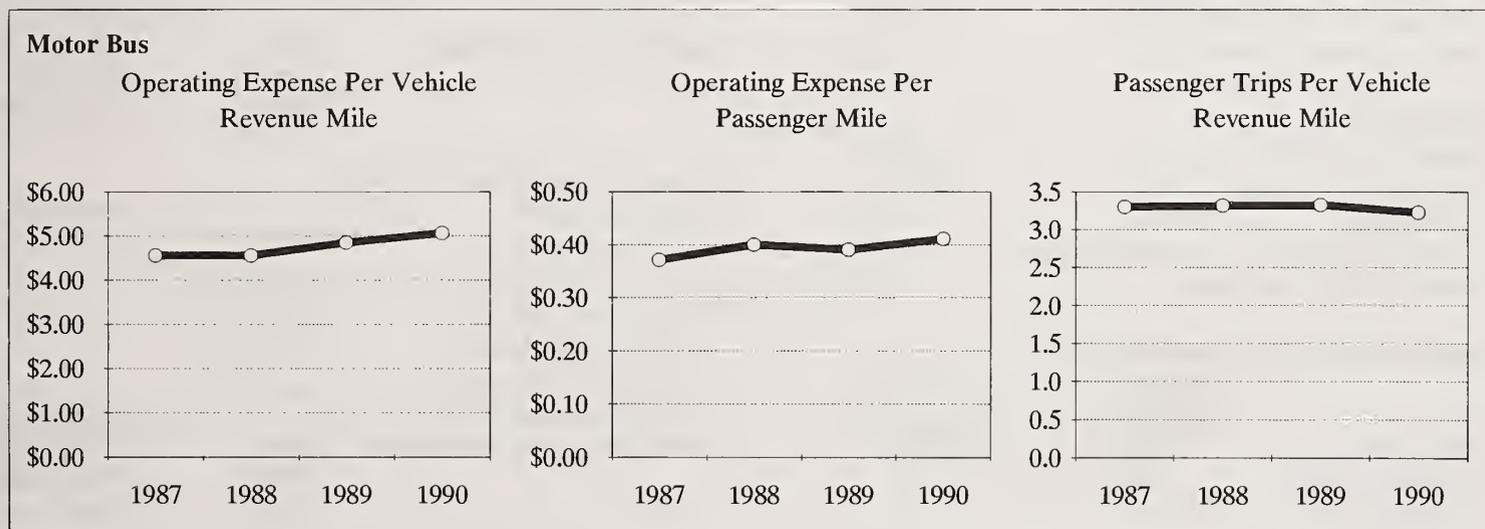
Operating Expense/Vehicle Revenue Hour	\$70.18
Operating Expense/Vehicle Revenue Mile	\$5.05

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.57
Operating Expense/Passenger Mile	\$0.41

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	44.7
Unlinked Passenger Trips/Vehicle Revenue Mile	3.2



NJ - New Jersey Transit Corporation (NJ Transit)

P.O. Box 10009, McCarter Highway
Newark, NJ 07101
(201)643-4529

Chief Executive Officer: Shirley A. DeLibero,
Executive Director

Section 15 ID Number: 2080

Purchased Transportation Providers: NJ-New Jersey Transit Corporation-Contract Services (2132); NJ Transit Contract Services (Individual Providers): Academy Lines, Inc. (2122), South Hudson Boulevard Bus Association (2123), DeCamp Bus Lines (2124), The Hudson Bus Transportation Company, Inc. (2125), Hudson Transit Lines, Inc. (2126), Lakeland Bus Lines, Inc. (2127), Suburban Transit Corporation (2128), Rockland Coaches, Inc. (2129)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1
Other UZA's Served:	4, 68, 72, 89

Service Area Statistics

Square Miles	6,559
Population	7,495,000

Service Consumption

Annual Unlinked Trips	227,420,774
Annual Passenger Miles	2,674,874,080
Average Weekday Unlinked Trips	623,880
Average Saturday Unlinked Trips	272,937
Average Sunday Unlinked Trips	131,061

Service Supplied

Annual Vehicle Revenue Miles	139,044,571
Annual Vehicle Revenue Hours	7,429,600
Total Fleet	4,036
Vehicles Operated in Maximum Service	3,273
Base Period Requirement	1,894

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,560	1,017
Commuter Rail	629	51
Light Rail	16	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$447,601,434
Local Assistance	0
State Assistance	247,941,647
Federal Assistance	43,082,455
Other Revenues	47,168,025
Total Operating Funds	(1990) \$785,793,561
	(1989) \$620,670,823
	(1988) \$589,866,537

Summary of Operating Expenses

Salaries/Wages/Benefits	\$396,253,502
Materials & Supplies	70,404,668
Purchased Transportation	43,422,052 *
Other Expenses	108,037,754
Total Operating Expenses	(1990) \$618,117,976
	(1989) \$600,731,302
	(1988) \$567,353,780

Sources of Capital Funds Expended

Local Assistance	\$39,281,115
State Assistance	122,857,573
UMTA Sec. 3 Discretionary	\$62,406,477
UMTA Sec. 9 Formula	84,890,654
UMTA Other Assistance	10,023,205
Other Federal Assistance	0
Federal Assistance Total	157,320,336
Total Capital Funds Expended	(1990) \$319,459,024
	(1989) \$194,666,053
	(1988) \$291,477,136

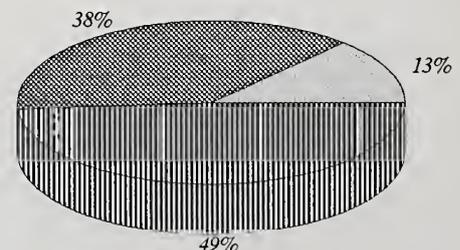
Sources of Operating Funds



Legend

Fares	■
Federal	▨
State	▩
Local	▧
Other	□

Sources of Capital Funds Expended



NJ - New Jersey Transit Corporation (NJ Transit)

Characteristics

	Motor Bus	Commuter Rail	Light Rail
Operating Expense	\$323,666,093	\$290,902,965	\$3,548,918
Annual Unlinked Trips	174,787,278	48,795,800	3,837,696
Annual Passenger Miles	1,574,999,203	1,091,859,940	8,014,937
Average Weekday Unlinked Trips	603,171	7,406	13,303
Annual Vehicle Revenue Hours	6,290,225	1,095,635	43,740
Annual Vehicle Revenue Miles	101,763,437	36,647,135	633,999
Fixed Guideway Directional Route Miles	6.7	926.0	8.3
Total Fleet	3,168	846	22
Vehicles Operated in Maximum Service	2,577	680	16
Peak to Base Ratio	2.3	N/A	2.3
Spare Ratio	23%	24%	38%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$51.46	\$265.51	\$81.14
Operating Expense/Vehicle Revenue Mile	\$3.18	\$7.94	\$5.60

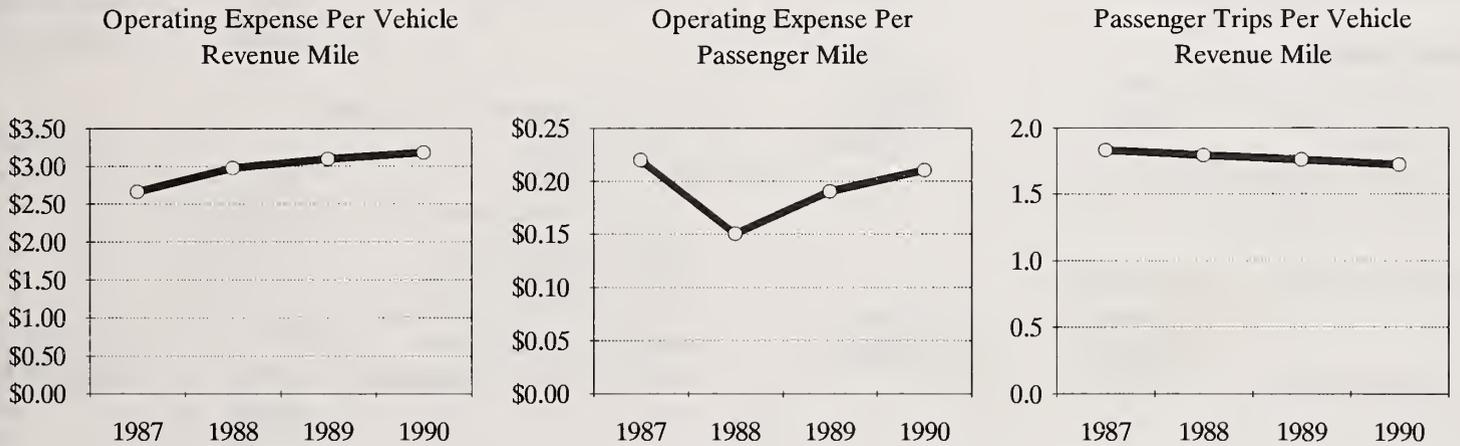
Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.85	\$5.96	\$0.92
Operating Expense/Passenger Mile	\$0.21	\$0.27	\$0.44

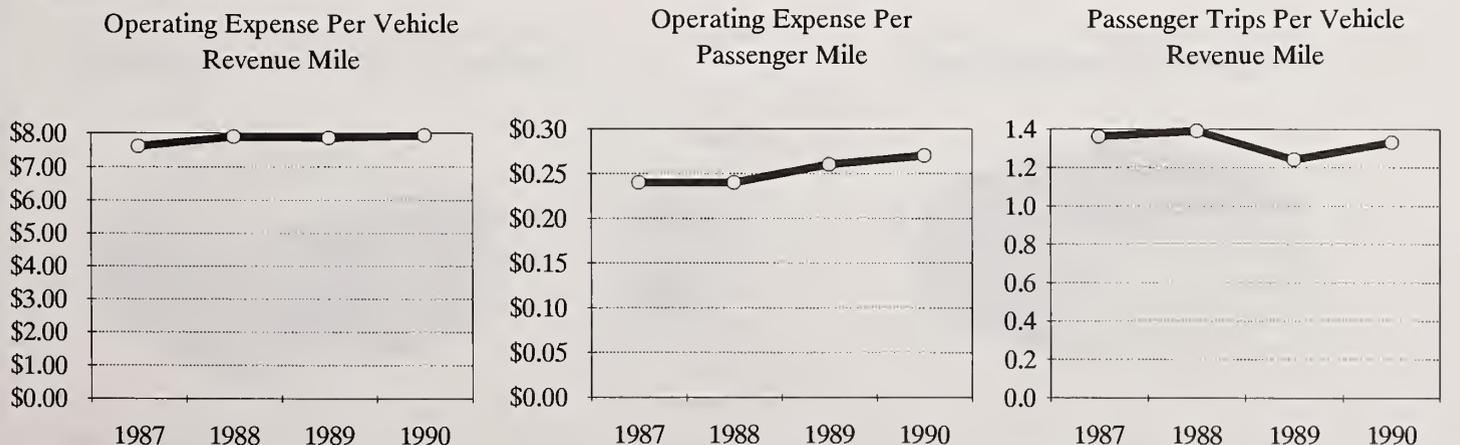
Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	27.8	44.5	87.7
Unlinked Passenger Trips/Vehicle Revenue Mile	1.7	1.3	6.1

Motor Bus



Commuter Rail



New York MTA-Long Island Rail Road Company (LIRR)

Jamaica Station Building
Jamaica, NY 11435
(718)990-7524

Chief Executive Officer: Charles W. Hoppe,
President

Section 15 ID Number: 2100

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1

Service Area Statistics

Square Miles	1,406
Population	8,350,000

Service Consumption

Annual Unlinked Trips	93,478,000
Annual Passenger Miles	1,989,610,857
Average Weekday Unlinked Trips	332,000
Average Saturday Unlinked Trips	92,000
Average Sunday Unlinked Trips	74,000

Service Supplied

Annual Vehicle Revenue Miles	56,203,590
Annual Vehicle Revenue Hours	1,767,910
Total Fleet	1,194
Vehicles Operated in Maximum Service	1,034
Base Period Requirement	559

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Commuter Rail	1,034	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$292,679,732
Local Assistance		181,122,595
State Assistance		125,327,063
Federal Assistance		13,683,904
Other Revenues		19,962,529
Total Operating Funds	(1990)	\$632,775,823
	(1989)	\$288,237,138
	(1988)	\$285,596,675

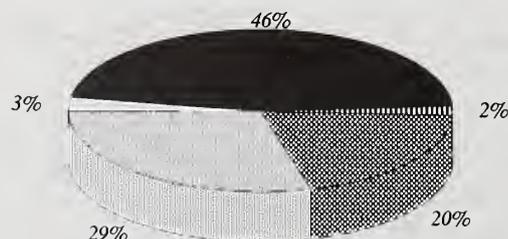
Summary of Operating Expenses

Salaries/Wages/Benefits		\$534,707,381
Materials & Supplies		52,125,129
Purchased Transportation		0
Other Expenses		18,537,559
Total Operating Expenses	(1990)	\$605,370,069
	(1989)	\$593,457,403
	(1988)	\$514,063,815

Sources of Capital Funds Expended

Local Assistance		\$50,895,635
State Assistance		22,592,586
UMTA Sec. 3 Discretionary	\$23,834,850	
UMTA Sec. 9 Formula	31,095,878	
UMTA Other Assistance	1,334,595	
Other Federal Assistance	0	
Federal Assistance Total		56,265,323
Total Capital Funds Expended	(1990)	\$129,753,544
	(1989)	\$0
	(1988)	\$0

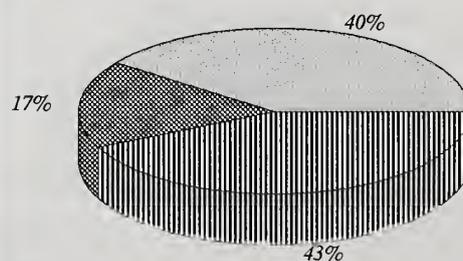
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



New York MTA-Long Island Rail Road Company (LIRR)

Commuter Rail

Characteristics

Operating Expense	\$605,370,069
Annual Unlinked Trips	93,478,000
Annual Passenger Miles	1,989,610,857
Average Weekday Unlinked Trips	332,000
Annual Vehicle Revenue Hours	1,767,910
Annual Vehicle Revenue Miles	56,203,590
Fixed Guideway Directional Route Miles	638.2
Total Fleet	1,194
Vehicles Operated in Maximum Service	1,034
Peak to Base Ratio	1.7
Spare Ratio	15%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$342.42
Operating Expense/Vehicle Revenue Mile	\$10.77

Cost Effectiveness

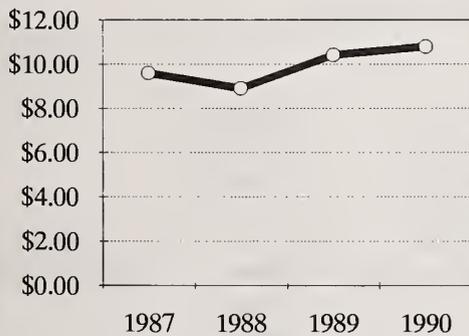
Operating Expense/Unlinked Passenger Trip	\$6.48
Operating Expense/Passenger Mile	\$0.30

Service Effectiveness

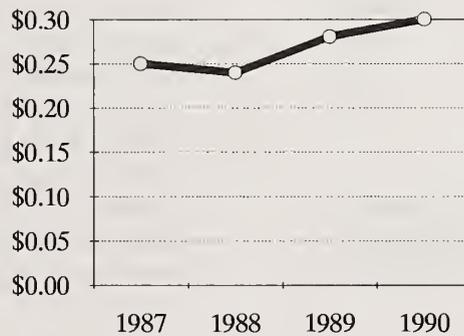
Unlinked Passenger Trips/Vehicle Revenue Hour	52.9
Unlinked Passenger Trips/Vehicle Revenue Mile	1.7

Commuter Rail

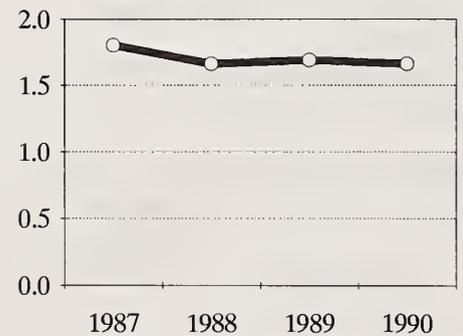
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



New York MTA-Metro-North Commuter Railroad (Metro-North)

347 Madison Avenue
New York, NY 10017
(212)340-3208

Chief Executive Officer: D. N. Nelson,
President

Section 15 ID Number: 2078

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1
Other UZA's Served:	67, 71, 133, 144, 195, 209

Service Area Statistics

Square Miles	2,527
Population	4,484,000

Service Consumption

Annual Unlinked Trips	57,952,584
Annual Passenger Miles	1,543,945,270
Average Weekday Unlinked Trips	201,853
Average Saturday Unlinked Trips	69,594
Average Sunday Unlinked Trips	54,406

Service Supplied

Annual Vehicle Revenue Miles	35,522,235
Annual Vehicle Revenue Hours	999,653
Total Fleet	808
Vehicles Operated in Maximum Service	696
Base Period Requirement	202

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Commuter Rail	696	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$221,452,814
Local Assistance	99,687,630
State Assistance	104,763,420
Federal Assistance	7,531,451
Other Revenues	22,356,614
Total Operating Funds	(1990) \$455,791,929
	(1989) \$221,494,031
	(1988) \$213,640,200

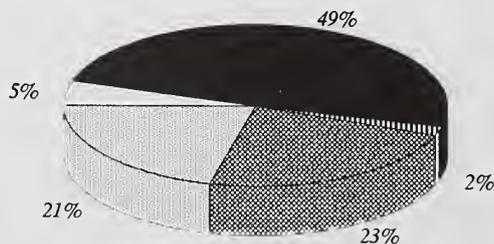
Summary of Operating Expenses

Salaries/Wages/Benefits	\$291,417,145
Materials & Supplies	36,286,870
Purchased Transportation	0
Other Expenses	95,343,601
Total Operating Expenses	(1990) \$423,047,616
	(1989) \$401,764,864
	(1988) \$375,635,993

Sources of Capital Funds Expended

Local Assistance	\$39,989,428
State Assistance	17,751,317
UMTA Sec. 3 Discretionary	\$18,727,383
UMTA Sec. 9 Formula	24,432,475
UMTA Other Assistance	1,048,611
Other Federal Assistance	0
Federal Assistance Total	44,208,469
Total Capital Funds Expended	(1990) \$101,949,214
	(1989) \$0
	(1988) \$0

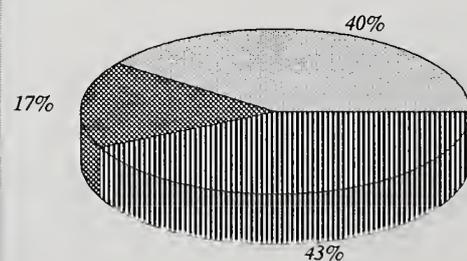
Sources of Operating Funds



Legend

Fares	■
Federal	▨
State	▩
Local	□
Other	□

Sources of Capital Funds Expended



New York MTA-Metro-North Commuter Railroad (Metro-North)

Characteristics

	Commuter Rail
Operating Expense	\$423,047,616
Annual Unlinked Trips	57,952,584
Annual Passenger Miles	1,543,945,270
Average Weekday Unlinked Trips	201,853
Annual Vehicle Revenue Hours	999,653
Annual Vehicle Revenue Miles	35,522,235
Fixed Guideway Directional Route Miles	535.9
Total Fleet	808
Vehicles Operated in Maximum Service	696
Peak to Base Ratio	3.1
Spare Ratio	16%

Performance Measures

Service Efficiency

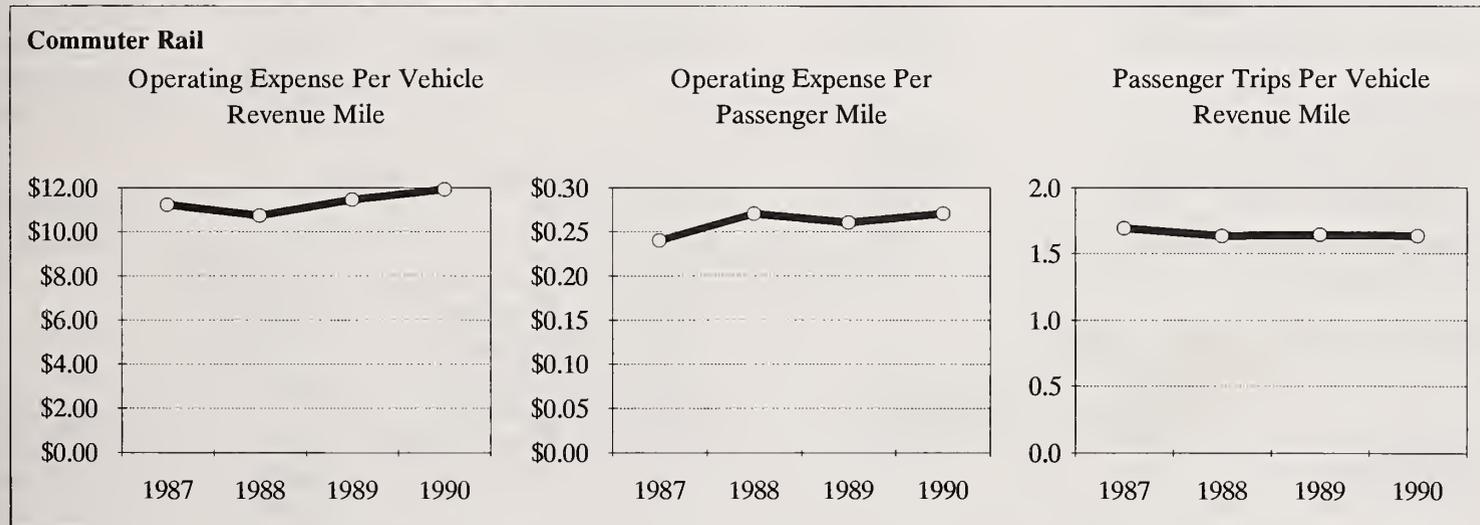
Operating Expense/Vehicle Revenue Hour	\$423.19
Operating Expense/Vehicle Revenue Mile	\$11.91

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$7.30
Operating Expense/Passenger Mile	\$0.27

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	58.0
Unlinked Passenger Trips/Vehicle Revenue Mile	1.6



New York MTA-New York City Transit Authority (NYCTA)

370 Jay Street
Brooklyn, NY 11201
(718)330-4841

Chief Executive Officer: Alan F. Kiepper,
President

Section 15 ID Number: 2008

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ	
Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1

Service Area Statistics

Square Miles	618
Population	14,648,000

Service Consumption

Annual Unlinked Trips	2,191,756,996
Annual Passenger Miles	8,066,343,553
Average Weekday Unlinked Trips	7,221,236
Average Saturday Unlinked Trips	3,855,665
Average Sunday Unlinked Trips	2,628,257

Service Supplied

Annual Vehicle Revenue Miles	400,606,646
Annual Vehicle Revenue Hours	28,503,225
Total Fleet	9,748
Vehicles Operated in Maximum Service	8,323
Base Period Requirement	4,932

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	3,068	0
Heavy Rail	5,255	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$1,532,022,974
Local Assistance		860,792,791
State Assistance		577,095,146
Federal Assistance		72,242,618
Other Revenues		275,344,997
Total Operating Funds	(1990)	\$3,317,498,526
	(1989)	\$3,126,156,758
	(1988)	\$3,173,506,363

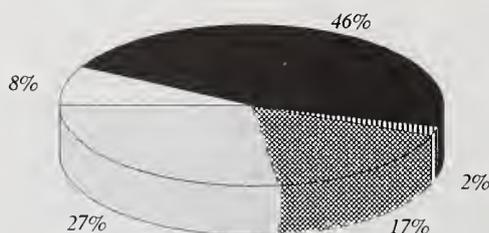
Summary of Operating Expenses

Salaries/Wages/Benefits		\$2,831,995,085
Materials & Supplies		267,009,008
Purchased Transportation		0
Other Expenses		392,846,798
Total Operating Expenses	(1990)	\$3,491,850,891
	(1989)	\$3,371,270,314
	(1988)	\$3,211,412,588

Sources of Capital Funds Expended

Local Assistance		\$245,579,000
State Assistance		70,909,473
UMTA Sec. 3 Discretionary	\$188,936,307	
UMTA Sec. 9 Formula	300,544,684	
UMTA Other Assistance	97,642,186	
Other Federal Assistance	3,216,759	
Federal Assistance Total		590,339,936
Total Capital Funds Expended	(1990)	\$906,828,409
	(1989)	\$792,295,271
	(1988)	\$802,857,055

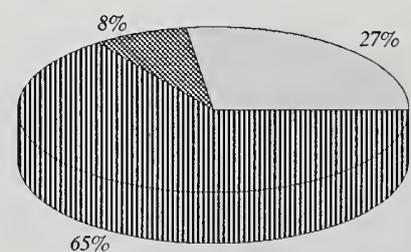
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



New York MTA-New York City Transit Authority (NYCTA)

Characteristics

	Motor Bus	Heavy Rail
Operating Expense	\$1,034,653,716	\$2,457,197,175
Annual Unlinked Trips	715,403,904	1,476,353,092
Annual Passenger Miles	1,420,749,323	6,645,594,230
Average Weekday Unlinked Trips	2,364,024	4,857,212
Annual Vehicle Revenue Hours	11,492,703	17,010,522
Annual Vehicle Revenue Miles	92,265,078	308,341,568
Fixed Guideway Directional Route Miles	35.8	492.9
Total Fleet	3,659	6,089
Vehicles Operated in Maximum Service	3,068	5,255
Peak to Base Ratio	1.5	1.6
Spare Ratio	19%	16%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$90.03	\$144.45
Operating Expense/Vehicle Revenue Mile	\$11.21	\$7.97

Cost Effectiveness

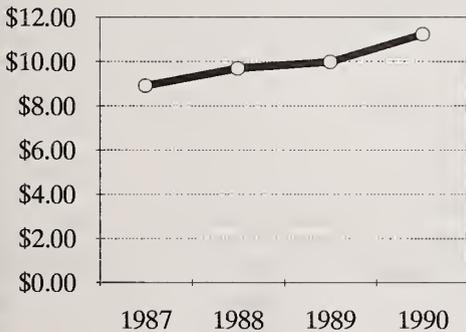
Operating Expense/Unlinked Passenger Trip	\$1.45	\$1.66
Operating Expense/Passenger Mile	\$0.73	\$0.00

Service Effectiveness

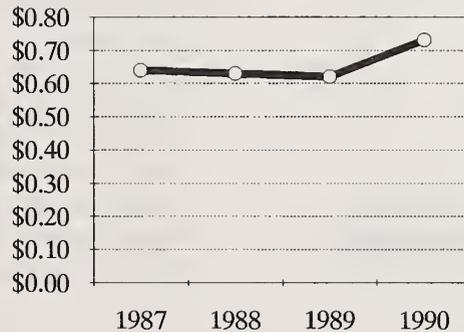
Unlinked Passenger Trips/Vehicle Revenue Hour	62.3	86.8
Unlinked Passenger Trips/Vehicle Revenue Mile	7.8	4.8

Motor Bus

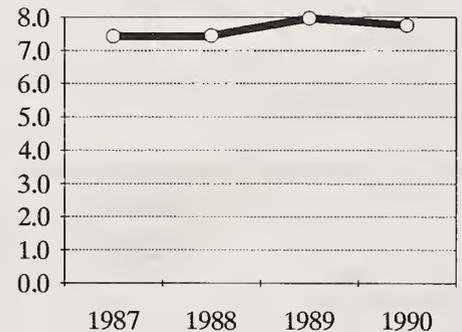
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

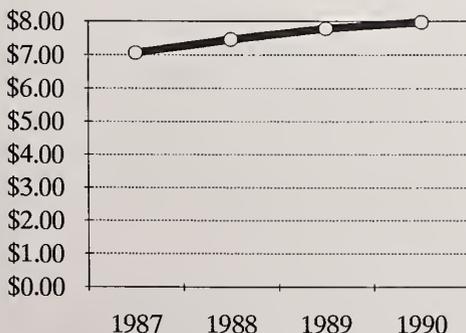


Passenger Trips Per Vehicle Revenue Mile

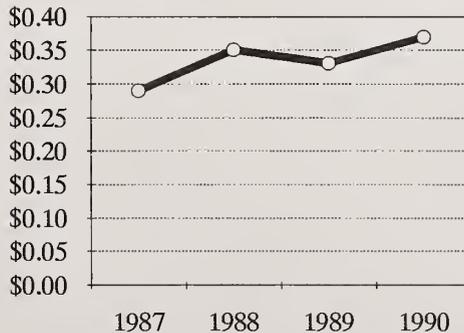


Heavy Rail

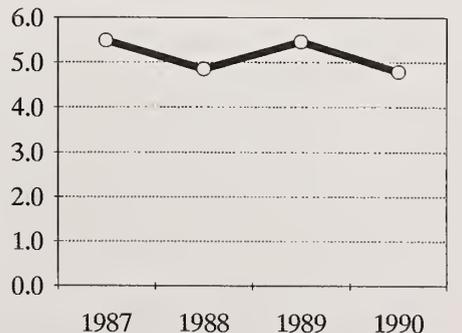
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1990 Section 15 Annual Report

Port Authority Trans Hudson Corporation (PATH)

One World Trade Center
New York, NY 10048
(212)435-4092

Chief Executive Officer: Richard R. Kelly,
General Manager

Section 15 ID Number: 2098

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

New York, NY--Northeastern NJ

Square Miles	2,967
Population	16,044,012
Population Ranking Out of 405 UZA's	1

Service Area Statistics

Square Miles	196
Population	2,820,000

Service Consumption

Annual Unlinked Trips	61,788,585
Annual Passenger Miles	279,928,016
Average Weekday Unlinked Trips	218,455
Average Saturday Unlinked Trips	71,402
Average Sunday Unlinked Trips	46,120

Service Supplied

Annual Vehicle Revenue Miles	12,695,511
Annual Vehicle Revenue Hours	630,103
Total Fleet	346
Vehicles Operated in Maximum Service	300
Base Period Requirement	142

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Heavy Rail	297	0
Ferry Boat	0	3

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$56,173,000
Local Assistance		0
State Assistance		0
Federal Assistance		0
Other Revenues		5,753,000
Total Operating Funds	(1990)	\$61,926,000
	(1989)	\$64,250,000
	(1988)	\$63,289,000

Summary of Operating Expenses

Salaries/Wages/Benefits		\$85,809,000
Materials & Supplies		4,348,000
Purchased Transportation		1,900,000
Other Expenses		36,063,000
Total Operating Expenses	(1990)	\$128,120,000
	(1989)	\$120,224,792
	(1988)	\$115,982,000

Sources of Capital Funds Expended

Local Assistance		\$0
State Assistance		0
UMTA Sec. 3 Discretionary	\$0	
UMTA Sec. 9 Formula	0	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Federal Assistance Total		0
Total Capital Funds Expended	(1990)	\$0
	(1989)	\$0
	(1988)	\$0

Port Authority Trans Hudson Corporation (PATH)

Characteristics

	Heavy Rail	Ferry Boat
Operating Expense	\$125,704,000	\$2,416,000
Annual Unlinked Trips	60,677,489	1,111,096
Annual Passenger Miles	278,039,034	1,888,982
Average Weekday Unlinked Trips	214,200	4,255
Annual Vehicle Revenue Hours	623,992	6,111
Annual Vehicle Revenue Miles	12,652,767	42,744
Fixed Guideway Directional Route Miles	27.6	3.4
Total Fleet	342	4
Vehicles Operated in Maximum Service	297	3
Peak to Base Ratio	2.1	N/A
Spare Ratio	15%	33%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$201.45	\$395.35
Operating Expense/Vehicle Revenue Mile	\$9.93	\$56.52

Cost Effectiveness

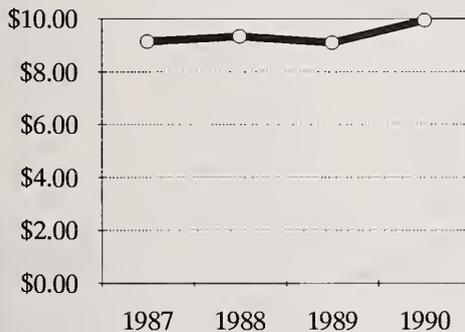
Operating Expense/Unlinked Passenger Trip	\$2.07	\$2.17
Operating Expense/Passenger Mile	\$0.45	\$1.28

Service Effectiveness

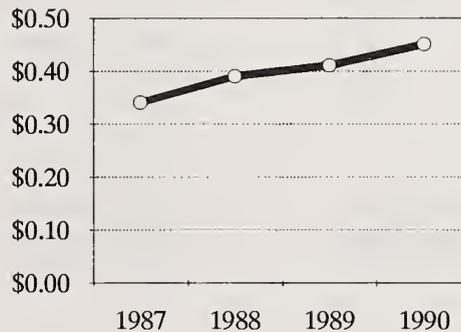
Unlinked Passenger Trips/Vehicle Revenue Hour	97.2	181.8
Unlinked Passenger Trips/Vehicle Revenue Mile	4.8	26.0

Heavy Rail

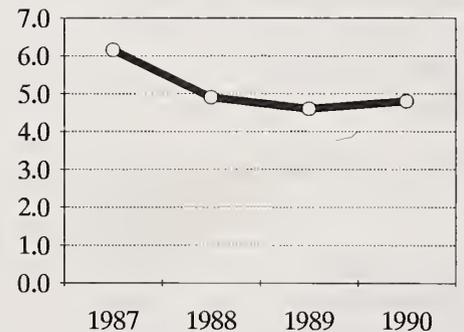
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

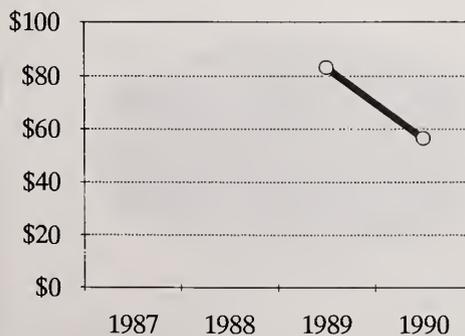


Passenger Trips Per Vehicle Revenue Mile

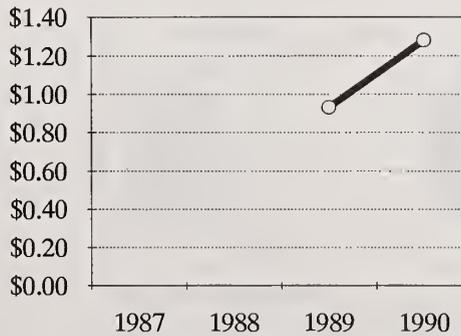


Ferry Boat

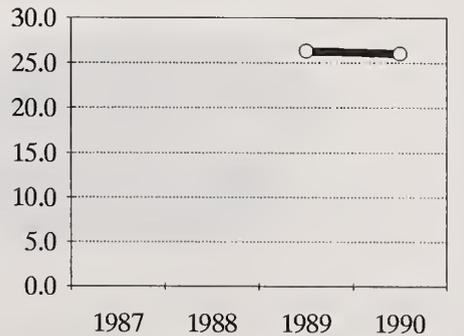
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1990 Section 15 Annual Report

Southeastern Pennsylvania Transportation Authority (SEPTA)

841 Chestnut Street
Philadelphia, PA 19107
(215)580-7988

Chief Executive Officer: Louis J. Gambaccini,
Chief Operations Officer, General Manager

Section 15 ID Number: 3019

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Philadelphia, PA--NJ

Square Miles	1,164
Population	4,222,211
Population Ranking Out of 405 UZA's	4
Other UZA's Served:	68

Service Area Statistics

Square Miles	2,174
Population	3,682,709

Service Consumption

Annual Unlinked Trips	355,898,142
Annual Passenger Miles	1,360,496,454
Average Weekday Unlinked Trips	1,191,437
Average Saturday Unlinked Trips	623,951
Average Sunday Unlinked Trips	351,570

Service Supplied

Annual Vehicle Revenue Miles	70,886,265
Annual Vehicle Revenue Hours	5,751,590
Total Fleet	2,599
Vehicles Operated in Maximum Service	1,982
Base Period Requirement	1,000

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,118	0
Heavy Rail	271	0
Commuter Rail	273	0
Light Rail	182	0
Demand Response	0	77
Trolleybus	61	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$268,465,215
Local Assistance	64,580,023
State Assistance	243,810,136
Federal Assistance	18,005,102
Other Revenues	9,596,971
Total Operating Funds	(1990) \$604,457,447
	(1989) \$567,890,293
	(1988) \$560,388,089

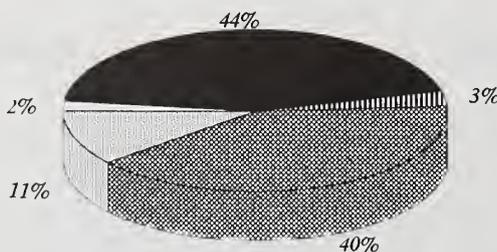
Summary of Operating Expenses

Salaries/Wages/Benefits	\$411,024,248
Materials & Supplies	76,265,696
Purchased Transportation	4,752,619
Other Expenses	60,004,281
Total Operating Expenses	(1990) \$552,046,844
	(1989) \$511,119,251
	(1988) \$493,974,168

Sources of Capital Funds Expended

Local Assistance	\$3,936,535
State Assistance	24,660,105
UMTA Sec. 3 Discretionary	\$39,605,246
UMTA Sec. 9 Formula	53,234,611
UMTA Other Assistance	2,606,748
Other Federal Assistance	1,601,343
Federal Assistance Total	97,047,948
Total Capital Funds Expended	(1990) \$125,644,588
	(1989) \$135,655,231
	(1988) \$117,739,685

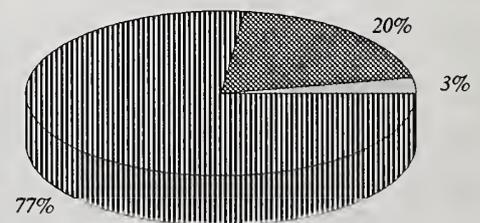
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Southeastern Pennsylvania Transportation Authority (SEPTA)

Characteristics	Motor Bus	Heavy Rail	Commuter Rail	Light Rail
Operating Expense	\$204,784,542	\$130,177,021	\$152,769,810	\$48,708,505
Annual Unlinked Trips	181,914,285	91,841,232	25,668,620	43,747,633
Annual Passenger Miles	473,874,795	407,457,393	356,793,739	100,133,094
Average Weekday Unlinked Trips	599,988	314,309	91,708	142,690
Annual Vehicle Revenue Hours	3,389,261	1,017,633	439,287	530,927
Annual Vehicle Revenue Miles	34,819,146	15,929,609	11,713,261	4,755,641
Fixed Guideway Directional Route Miles	4.6	75.8	442.8	126.7
Total Fleet	1,441	378	351	224
Vehicles Operated in Maximum Service	1,118	271	273	182
Peak to Base Ratio	1.8	1.7	4.3	2.0
Spare Ratio	29%	39%	29%	23%

Performance Measures

Service Efficiency

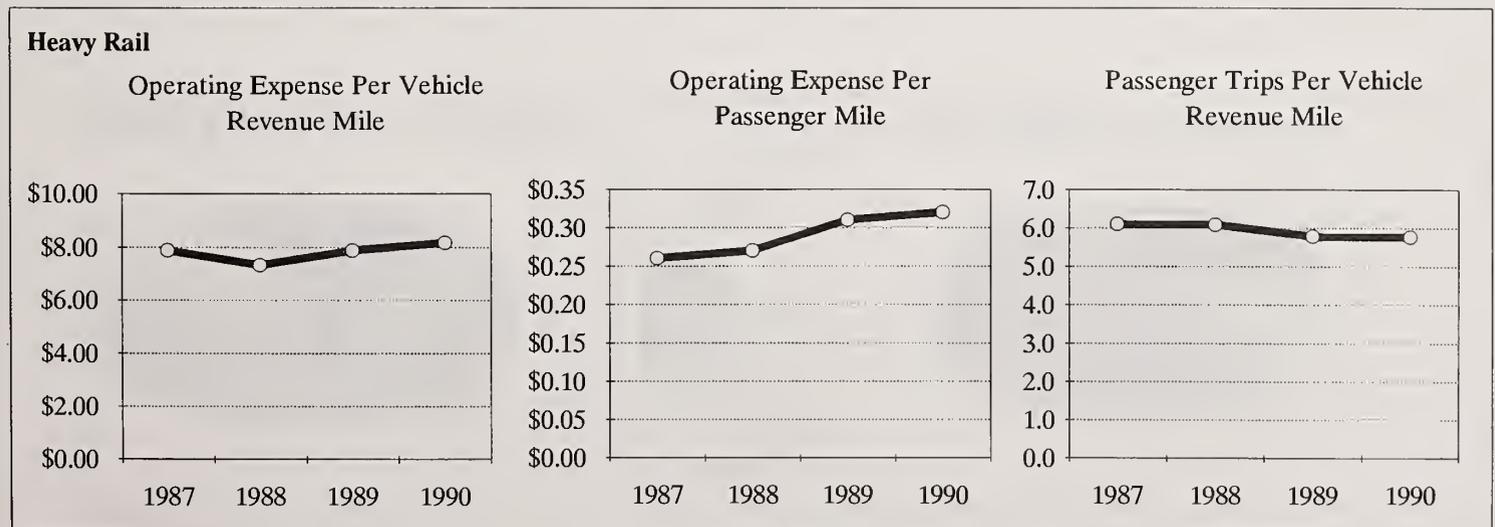
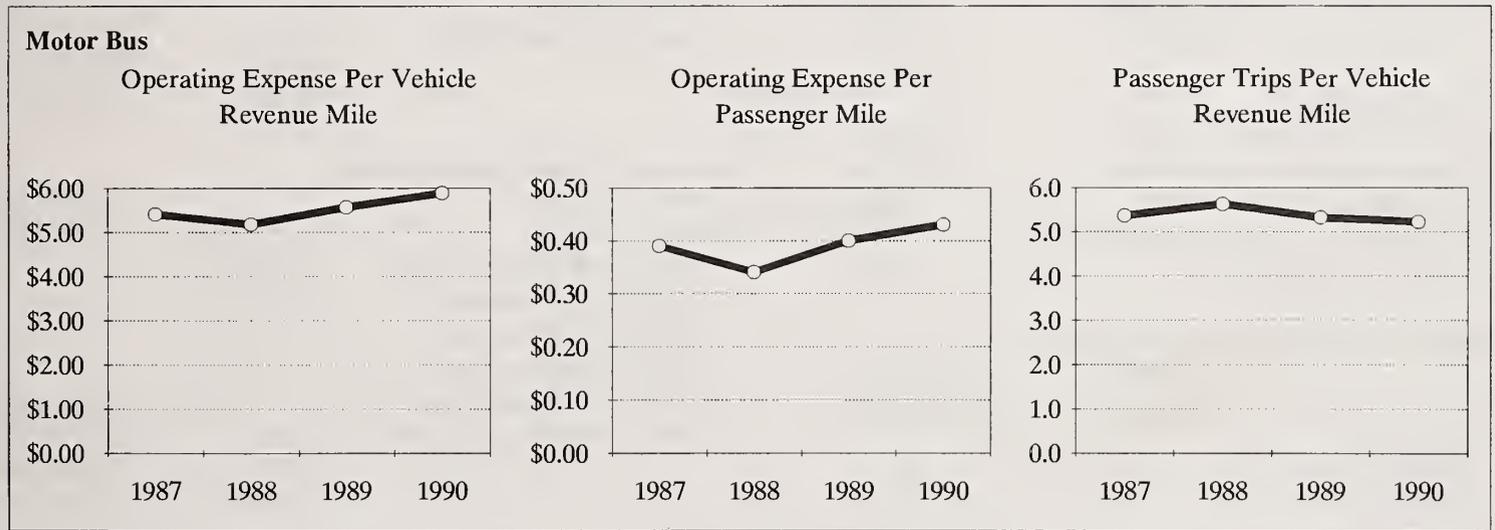
Operating Expense/Vehicle Revenue Hour	\$60.42	\$127.92	\$347.77	\$91.74
Operating Expense/Vehicle Revenue Mile	\$5.88	\$8.17	\$13.04	\$10.24

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.13	\$1.42	\$5.95	\$1.11
Operating Expense/Passenger Mile	\$0.43	\$0.32	\$0.43	\$0.49

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	53.7	90.3	58.4	82.4
Unlinked Passenger Trips/Vehicle Revenue Mile	5.2	5.8	2.2	9.2



Pittsburgh Port Authority of Allegheny County (PAT)

2235 Beaver Avenue
Pittsburgh, PA 15233
(412)237-7080

Chief Executive Officer: William W. Millar,
Executive Director

Section 15 ID Number: 3022

Purchased Transportation Providers: Pittsburgh-PAT Contract Services- Access Transportation Systems, Inc. (3067)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Pittsburgh, PA	
Square Miles	778
Population	1,678,745
Population Ranking Out of 405 UZA's	20

Service Area Statistics

Square Miles	775
Population	1,523,198

Service Consumption

Annual Unlinked Trips	88,727,806
Annual Passenger Miles	411,281,608
Average Weekday Unlinked Trips	299,892
Average Saturday Unlinked Trips	157,750
Average Sunday Unlinked Trips	72,238

Service Supplied

Annual Vehicle Revenue Miles	41,439,347
Annual Vehicle Revenue Hours	3,157,636
Total Fleet	1,421
Vehicles Operated in Maximum Service	1,261
Base Period Requirement	737

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	779	0
Demand Response	0	433
Light Rail	45	0
Inclined Plane	2	2

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$53,262,510
Local Assistance		19,358,927
State Assistance		94,950,761
Federal Assistance		9,426,968
Other Revenues		3,968,028
Total Operating Funds	(1990)	\$180,967,194
	(1989)	\$157,321,221
	(1988)	\$154,408,031

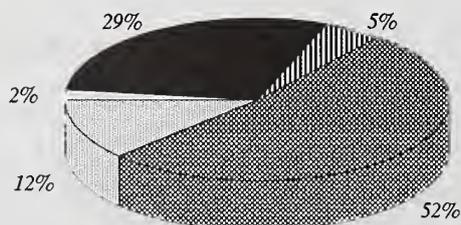
Summary of Operating Expenses

Salaries/Wages/Benefits		\$129,630,215
Materials & Supplies		20,995,122
Purchased Transportation		17,911,041 *
Other Expenses		-757,635
Total Operating Expenses	(1990)	\$167,778,743
	(1989)	\$158,497,104
	(1988)	\$155,678,520

Sources of Capital Funds Expended

Local Assistance		\$3,092,156
State Assistance		2,535,318
UMTA Sec. 3 Discretionary	\$4,794,658	
UMTA Sec. 9 Formula	6,437,792	
UMTA Other Assistance	0	
Other Federal Assistance	872	
Federal Assistance Total		11,233,322
Total Capital Funds Expended	(1990)	\$16,860,796
	(1989)	\$21,517,823
	(1988)	\$27,861,263

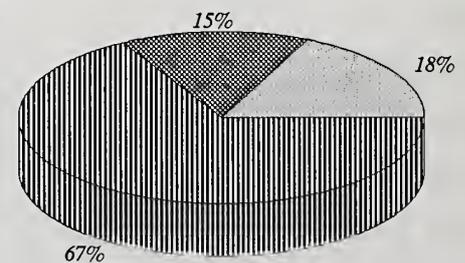
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Pittsburgh Port Authority of Allegheny County (PAT)

Characteristics	Motor Bus	Light Rail	Demand Response	Inclined Plane
Operating Expense	\$125,686,250	\$23,903,979	\$17,601,351	\$587,163
Annual Unlinked Trips	75,297,743	9,890,037	2,009,050	1,530,976
Annual Passenger Miles	346,428,510	54,368,675	10,286,336	198,087
Average Weekday Unlinked Trips	255,395	33,818	6,815	3,864
Annual Vehicle Revenue Hours	2,111,506	155,420	880,179	10,531
Annual Vehicle Revenue Miles	27,246,007	2,119,768	12,025,276	48,296
Fixed Guideway Directional Route Miles	43.2	60.4	0.0	0.5
Total Fleet	897	71	449	4
Vehicles Operated in Maximum Service	779	45	433	4
Peak to Base Ratio	2.0	2.1	N/A	1.0
Spare Ratio	15%	58%	4%	0%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$59.52	\$153.80	\$20.00	\$55.76
Operating Expense/Vehicle Revenue Mile	\$4.61	\$11.28	\$1.46	\$12.16

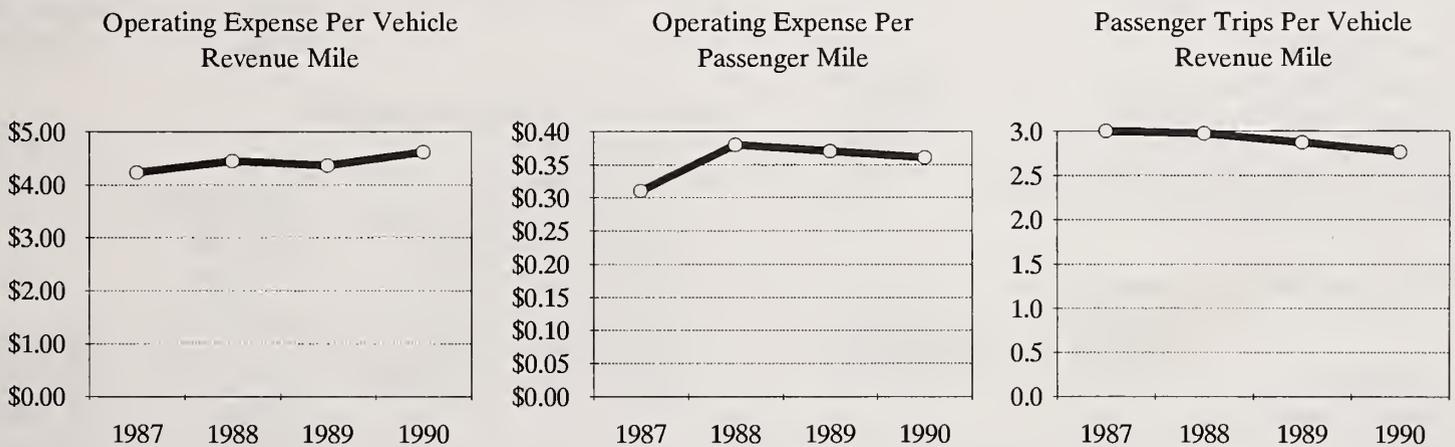
Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.67	\$2.42	\$8.76	\$0.38
Operating Expense/Passenger Mile	\$0.36	\$0.44	\$1.71	\$2.96

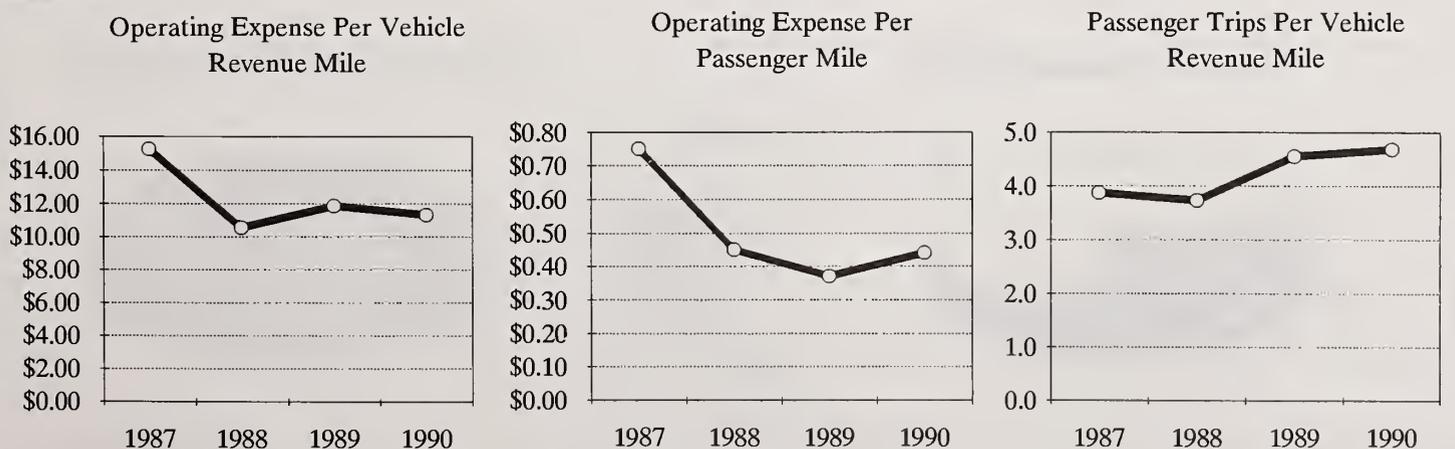
Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	35.7	63.6	2.3	145.4
Unlinked Passenger Trips/Vehicle Revenue Mile	2.8	4.7	0.2	31.7

Motor Bus



Light Rail



Portland Tri-County Metropolitan Transportation District of Oregon (Tri-Met)

4012 S.E. 17th Avenue
Portland, OR 97202
(503)239-6425

Chief Executive Officer: Tom Walsh,
General Manager

Section 15 ID Number: 0008

Purchased Transportation Providers: Portland-Tri-Met Contract Services- Special Mobility Services, Inc. (0037)

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Portland--Vancouver, OR--WA

Square Miles	388
Population	1,172,158
Population Ranking Out of 405 UZA's	29

Service Area Statistics

Square Miles	592
Population	988,284

Service Consumption

Annual Unlinked Trips	54,832,029
Annual Passenger Miles	192,650,813
Average Weekday Unlinked Trips	186,879
Average Saturday Unlinked Trips	80,219
Average Sunday Unlinked Trips	54,059

Service Supplied

Annual Vehicle Revenue Miles	22,082,448
Annual Vehicle Revenue Hours	1,419,082
Total Fleet	695
Vehicles Operated in Maximum Service	587
Base Period Requirement	368

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	426	6
Demand Response	0	132
Light Rail	23	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$23,510,851
Local Assistance		2,427,721
State Assistance		1,800,445
Federal Assistance		5,839,088
Other Revenues		71,908,594
Total Operating Funds	(1990)	\$105,486,699
	(1989)	\$93,885,957
	(1988)	\$86,266,194

Summary of Operating Expenses

Salaries/Wages/Benefits		\$65,980,164
Materials & Supplies		10,899,549
Purchased Transportation		3,053,109 *
Other Expenses		9,002,037
Total Operating Expenses	(1990)	\$88,934,859
	(1989)	\$82,505,585
	(1988)	\$77,005,741

Sources of Capital Funds Expended

Local Assistance		\$1,136,383
State Assistance		2,200,800
UMTA Sec. 3 Discretionary	\$5,219,916	
UMTA Sec. 9 Formula	10,972,509	
UMTA Other Assistance	27,358	
Other Federal Assistance	46,745	
Federal Assistance Total		16,266,528
Total Capital Funds Expended	(1990)	\$19,603,711
	(1989)	\$21,090,057
	(1988)	\$10,390,241

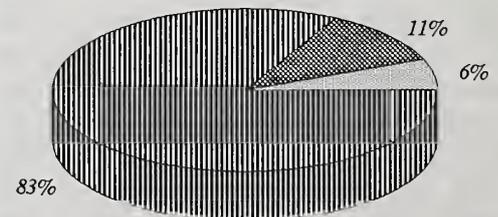
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Portland Tri-County Metropolitan Transportation District of Oregon (Tri-Met)

Characteristics

	Motor Bus	Light Rail	Demand Response
Operating Expense	\$75,991,269	\$9,220,036	\$3,723,554
Annual Unlinked Trips	47,831,434	6,414,290	586,305
Annual Passenger Miles	151,266,039	38,270,941	3,113,833
Average Weekday Unlinked Trips	165,207	19,450	2,222
Annual Vehicle Revenue Hours	1,145,674	68,144	205,264
Annual Vehicle Revenue Miles	18,539,054	1,332,823	2,210,571
Fixed Guideway Directional Route Miles	1.1	30.2	0.0
Total Fleet	528	26	141
Vehicles Operated in Maximum Service	432	23	132
Peak to Base Ratio	1.7	2.1	N/A
Spare Ratio	22%	13%	7%

Performance Measures

Service Efficiency

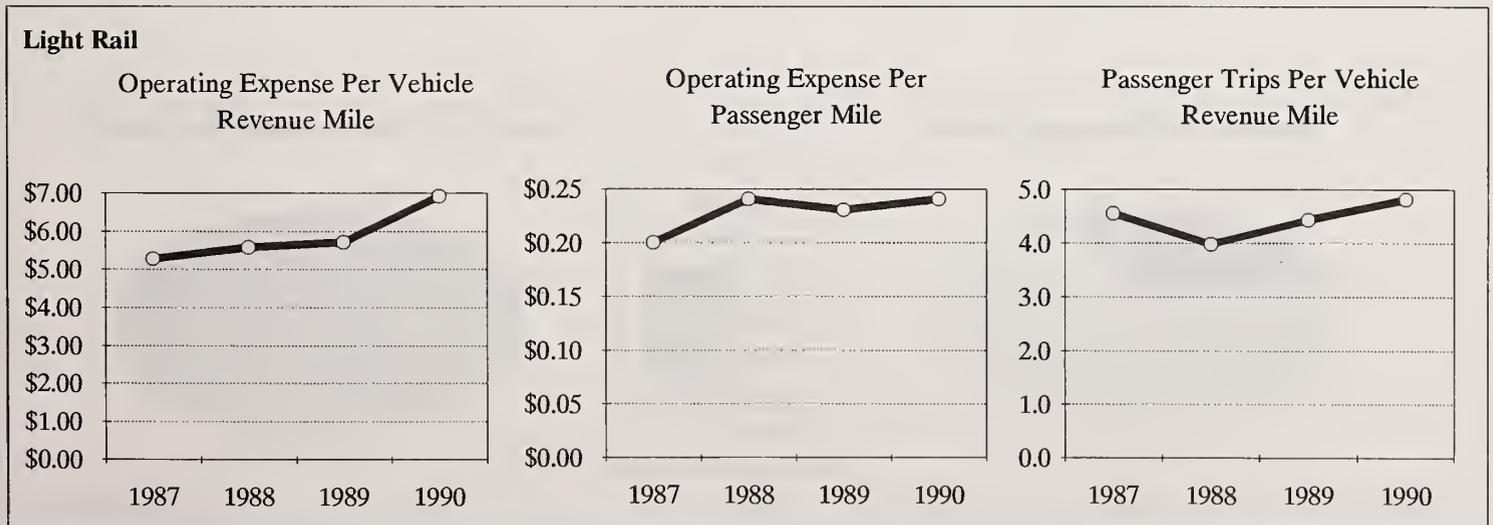
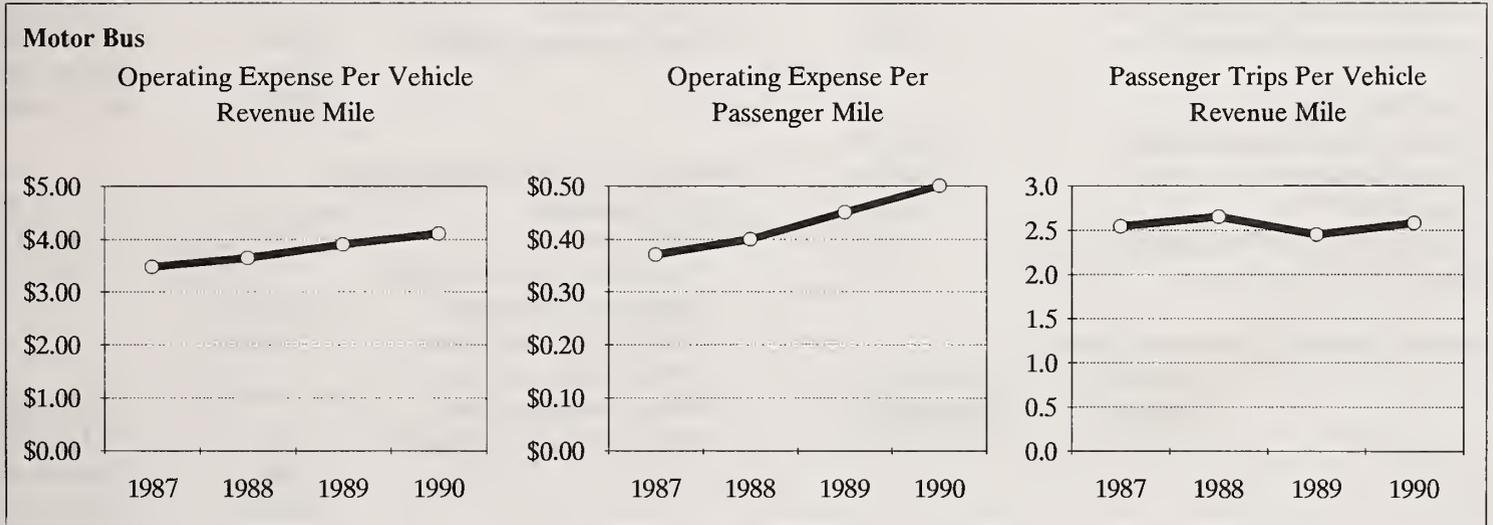
Operating Expense/Vehicle Revenue Hour	\$66.33	\$135.30	\$18.14
Operating Expense/Vehicle Revenue Mile	\$4.10	\$6.92	\$1.68

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.59	\$1.44	\$6.35
Operating Expense/Passenger Mile	\$0.50	\$0.24	\$1.20

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	41.8	94.1	2.9
Unlinked Passenger Trips/Vehicle Revenue Mile	2.6	4.8	0.3



Source: 1990 Section 15 Annual Report

Alameda-Contra Costa Transit District (AC Transit)

1600 Franklin Street
Oakland, CA 94612
(415)891-7255

Chief Executive Officer: Sharon D. Banks,
General Manager

Section 15 ID Number: 9014

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

San Francisco--Oakland, CA

Square Miles	874
Population	3,629,516
Population Ranking Out of 405 UZA's	6

Service Area Statistics

Square Miles	241
Population	1,086,254

Service Consumption

Annual Unlinked Trips	62,161,666
Annual Passenger Miles	274,623,149
Average Weekday Unlinked Trips	193,529
Average Saturday Unlinked Trips	153,351
Average Sunday Unlinked Trips	86,624

Service Supplied

Annual Vehicle Revenue Miles	21,785,534
Annual Vehicle Revenue Hours	1,700,160
Total Fleet	790
Vehicles Operated in Maximum Service	607
Base Period Requirement	290

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	603	4

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$28,546,395
Local Assistance		88,755,164
State Assistance		237,079
Federal Assistance		6,861,697
Other Revenues		3,253,914
Total Operating Funds	(1990)	\$127,654,249
	(1989)	\$120,191,137
	(1988)	\$122,995,098

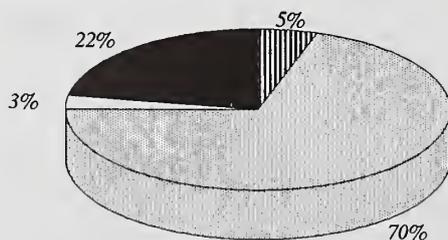
Summary of Operating Expenses

Salaries/Wages/Benefits		\$94,246,499
Materials & Supplies		16,734,853
Purchased Transportation		458,252
Other Expenses		12,703,384
Total Operating Expenses	(1990)	\$124,142,988
	(1989)	\$119,877,911
	(1988)	\$119,858,312

Sources of Capital Funds Expended

Local Assistance		\$0
State Assistance		2,604,761
UMTA Sec. 3 Discretionary		\$0
UMTA Sec. 9 Formula		1,869,853
UMTA Other Assistance		87,406
Other Federal Assistance		0
Federal Assistance Total		1,957,259
Total Capital Funds Expended	(1990)	\$4,562,020
	(1989)	\$34,581,126
	(1988)	\$16,135,623

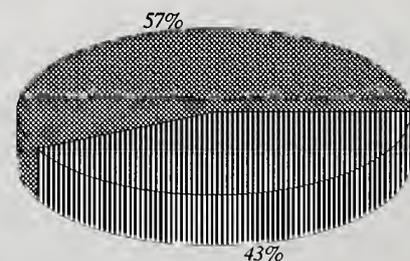
Sources of Operating Funds



Legend



Sources of Capital Funds Expended



Alameda-Contra Costa Transit District (AC Transit)

Characteristics

Motor Bus

Operating Expense	\$124,142,988
Annual Unlinked Trips	62,161,666
Annual Passenger Miles	274,623,149
Average Weekday Unlinked Trips	193,529
Annual Vehicle Revenue Hours	1,700,160
Annual Vehicle Revenue Miles	21,785,534
Fixed Guideway Directional Route Miles	1.1
Total Fleet	790
Vehicles Operated in Maximum Service	607
Peak to Base Ratio	2.1
Spare Ratio	30%

Performance Measures

Service Efficiency

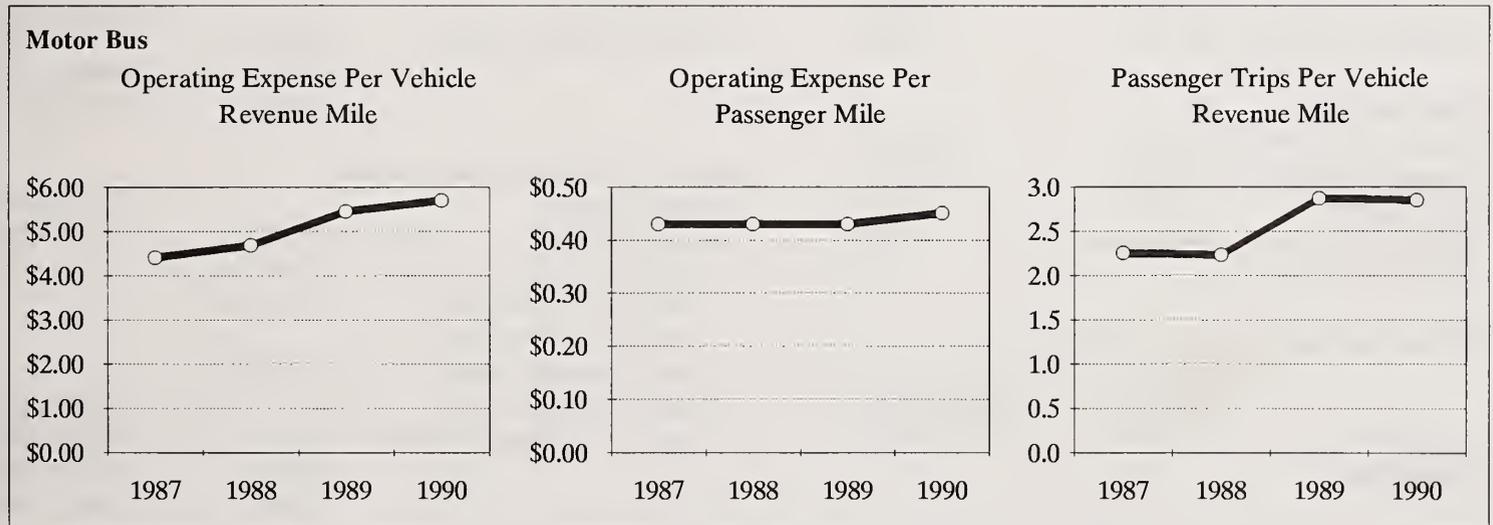
Operating Expense/Vehicle Revenue Hour	\$73.02
Operating Expense/Vehicle Revenue Mile	\$5.70

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$2.00
Operating Expense/Passenger Mile	\$0.45

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	36.6
Unlinked Passenger Trips/Vehicle Revenue Mile	2.9



Bay Area Rapid Transit District (BART)

P.O. Box 12688, 800 Madison Street
Oakland, CA 94604
(415)464-6929

Chief Executive Officer: Frank J. Wilson,
General Manager

Section 15 ID Number: 9003

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

San Francisco--Oakland, CA

Square Miles	874
Population	3,629,516
Population Ranking Out of 405 UZA's	6

Service Area Statistics

Square Miles	964
Population	2,415,397

Service Consumption

Annual Unlinked Trips	76,704,653
Annual Passenger Miles	910,502,679
Average Weekday Unlinked Trips	261,328
Average Saturday Unlinked Trips	116,753
Average Sunday Unlinked Trips	71,374

Service Supplied

Annual Vehicle Revenue Miles	42,779,531
Annual Vehicle Revenue Hours	1,525,267
Total Fleet	612
Vehicles Operated in Maximum Service	422
Base Period Requirement	191

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	0	34
Heavy Rail	388	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$98,611,992
Local Assistance		10,195,023
State Assistance		0
Federal Assistance		0
Other Revenues		113,183,922
Total Operating Funds	(1990)	\$221,990,937
	(1989)	\$168,133,340
	(1988)	\$184,298,338

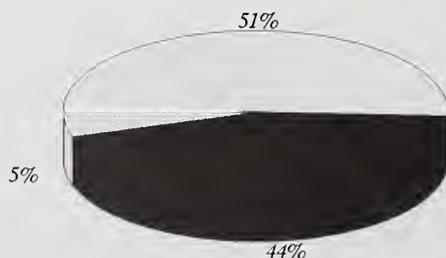
Summary of Operating Expenses

Salaries/Wages/Benefits		\$139,155,691
Materials & Supplies		9,829,744
Purchased Transportation		6,146,687
Other Expenses		37,850,734
Total Operating Expenses	(1990)	\$192,982,856
	(1989)	\$168,113,340
	(1988)	\$167,774,811

Sources of Capital Funds Expended

Local Assistance		\$114,369,891
State Assistance		18,200,260
UMTA Sec. 3 Discretionary	\$15,295,958	
UMTA Sec. 9 Formula	7,071,926	
UMTA Other Assistance	0	
Other Federal Assistance	73,959	
Federal Assistance Total		22,441,843
Total Capital Funds Expended	(1990)	\$155,011,994
	(1989)	\$176,489,991
	(1988)	\$166,934,637

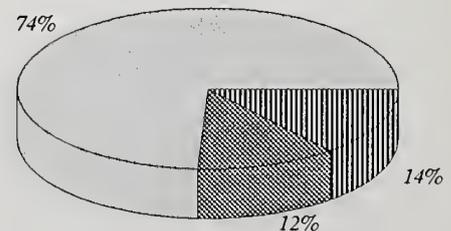
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Bay Area Rapid Transit District (BART)

Characteristics

	Motor Bus	Heavy Rail
Operating Expense	\$6,146,687	\$186,836,169
Annual Unlinked Trips	1,942,917	74,761,736
Annual Passenger Miles	19,273,736	891,228,943
Average Weekday Unlinked Trips	6,528	254,800
Annual Vehicle Revenue Hours	120,570	1,404,697
Annual Vehicle Revenue Miles	2,451,569	40,327,962
Fixed Guideway Directional Route Miles	0.0	142.0
Total Fleet	45	567
Vehicles Operated in Maximum Service	34	388
Peak to Base Ratio	1.9	2.2
Spare Ratio	32%	46%

Performance Measures

Service Efficiency

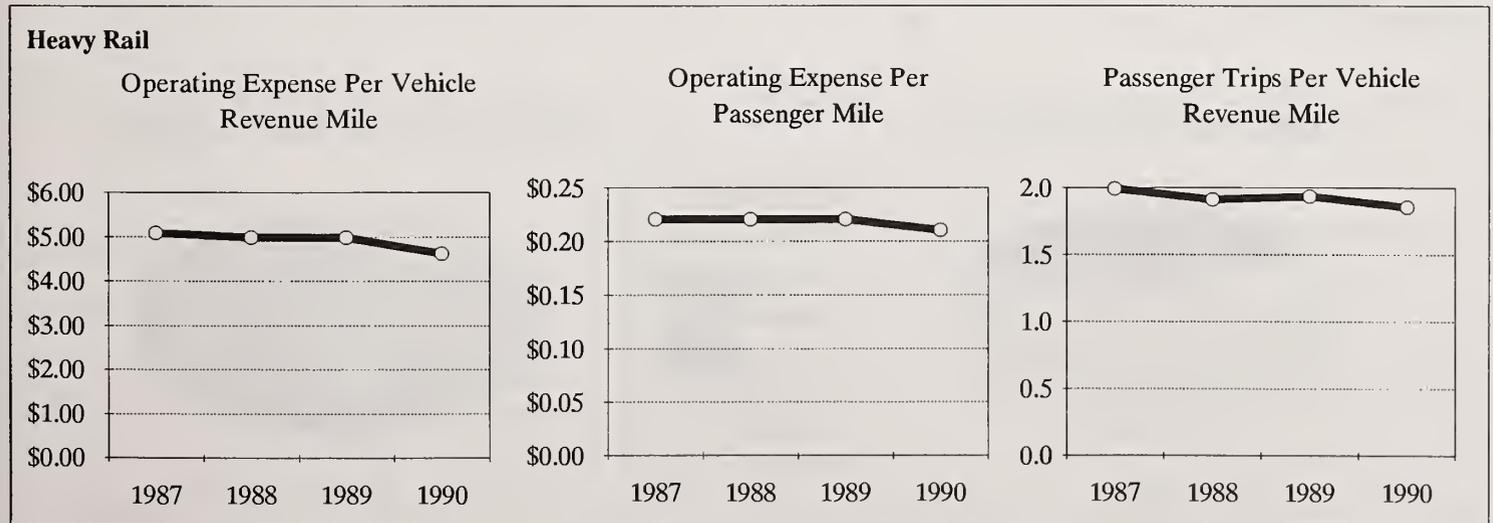
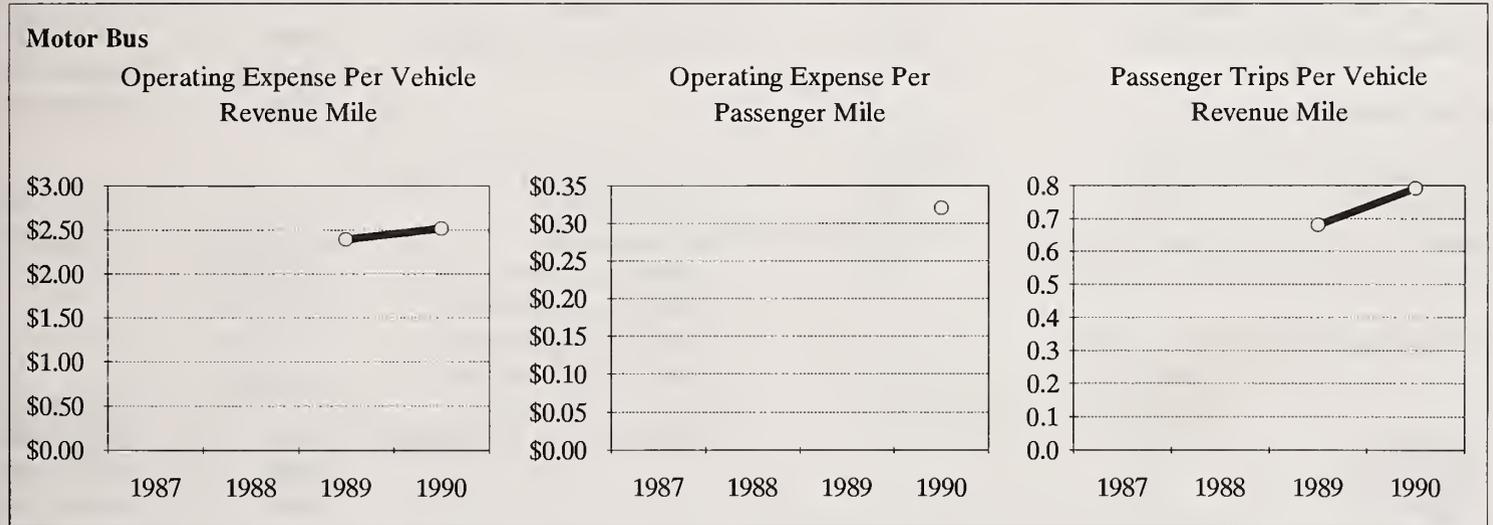
Operating Expense/Vehicle Revenue Hour	\$50.98	\$133.01
Operating Expense/Vehicle Revenue Mile	\$2.51	\$4.63

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$3.16	\$2.50
Operating Expense/Passenger Mile	\$0.32	\$0.21

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	16.1	53.2
Unlinked Passenger Trips/Vehicle Revenue Mile	0.8	1.9



San Francisco Municipal Railway (Muni)

949 Presidio
San Francisco, CA 94120
(415)923-2533

Chief Executive Officer: Thomas J. Elzey,
General Manager

Section 15 ID Number: 9015

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

San Francisco--Oakland, CA

Square Miles	874
Population	3,629,516
Population Ranking Out of 405 UZA's	6

Service Area Statistics

Square Miles	45
Population	675,039

Service Consumption

Annual Unlinked Trips	233,819,367
Annual Passenger Miles	446,407,401
Average Weekday Unlinked Trips	757,235
Average Saturday Unlinked Trips	429,112
Average Sunday Unlinked Trips	328,615

Service Supplied

Annual Vehicle Revenue Miles	26,259,692
Annual Vehicle Revenue Hours	3,020,020
Total Fleet	1,085
Vehicles Operated in Maximum Service	818
Base Period Requirement	562

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	374	0
Trolleybus	262	0
Light Rail	101	0
Demand Response	0	55
Cable Car	26	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$77,969,000
Local Assistance		132,827,000
State Assistance		19,064,000
Federal Assistance		7,950,000
Other Revenues		20,931,000
Total Operating Funds	(1990)	\$258,741,000
	(1989)	\$251,334,000
	(1988)	\$230,552,000

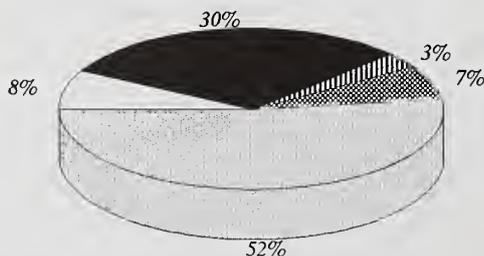
Summary of Operating Expenses

Salaries/Wages/Benefits		\$191,112,920
Materials & Supplies		15,774,935
Purchased Transportation		3,725,381
Other Expenses		32,563,402
Total Operating Expenses	(1990)	\$243,176,638
	(1989)	\$236,668,680
	(1988)	\$237,860,774

Sources of Capital Funds Expended

Local Assistance		\$0
State Assistance		11,288,000
UMTA Sec. 3 Discretionary	\$231,000	
UMTA Sec. 9 Formula	30,036,000	
UMTA Other Assistance	0	
Other Federal Assistance	4,561,000	
Federal Assistance Total		34,828,000
Total Capital Funds Expended	(1990)	\$46,116,000
	(1989)	\$48,573,000
	(1988)	\$18,392,000

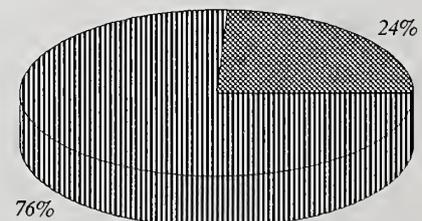
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



San Francisco Municipal Railway (Muni)

Characteristics	Motor Bus	Trolleybus	Light Rail	Cable Car
Operating Expense	\$103,341,667	\$61,187,297	\$58,128,463	\$16,793,830
Annual Unlinked Trips	96,460,165	86,287,081	40,213,584	10,507,412
Annual Passenger Miles	202,728,367	119,787,209	109,484,401	11,877,718
Average Weekday Unlinked Trips	316,700	271,716	137,002	30,492
Annual Vehicle Revenue Hours	1,374,729	988,722	385,389	132,313
Annual Vehicle Revenue Miles	12,809,246	7,355,546	4,092,838	566,341
Fixed Guideway Directional Route Miles	8.5	119.8	49.7	8.8
Total Fleet	520	345	128	37
Vehicles Operated in Maximum Service	374	262	101	26
Peak to Base Ratio	1.6	1.4	1.6	1.0
Spare Ratio	39%	32%	27%	42%

Performance Measures

Service Efficiency

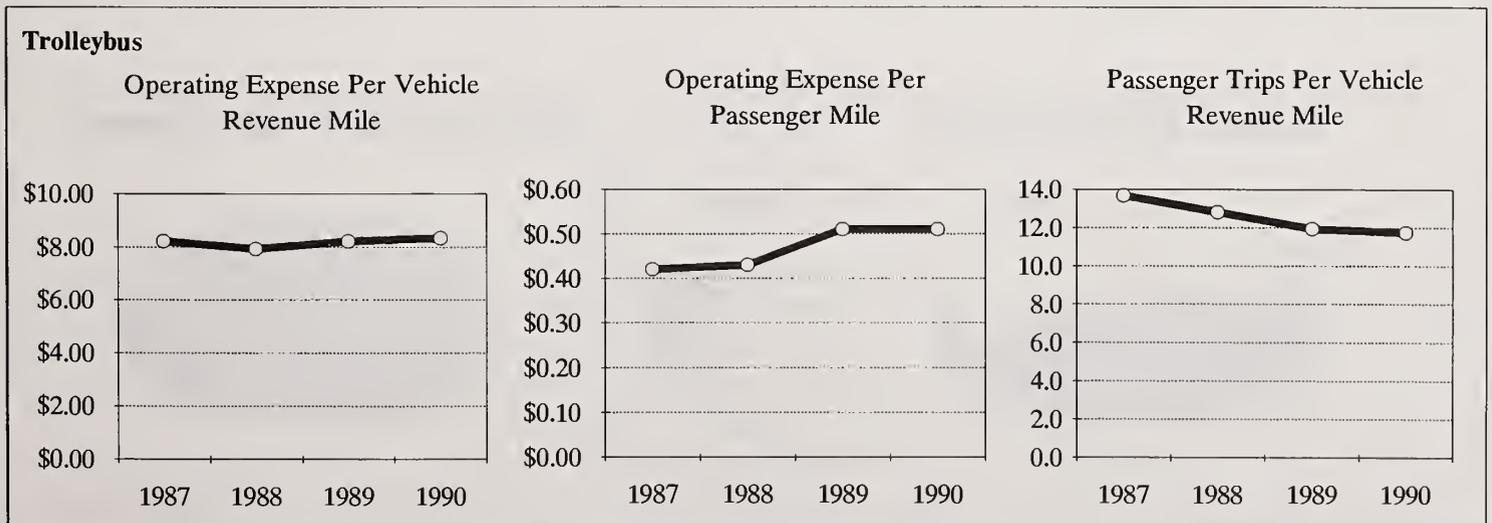
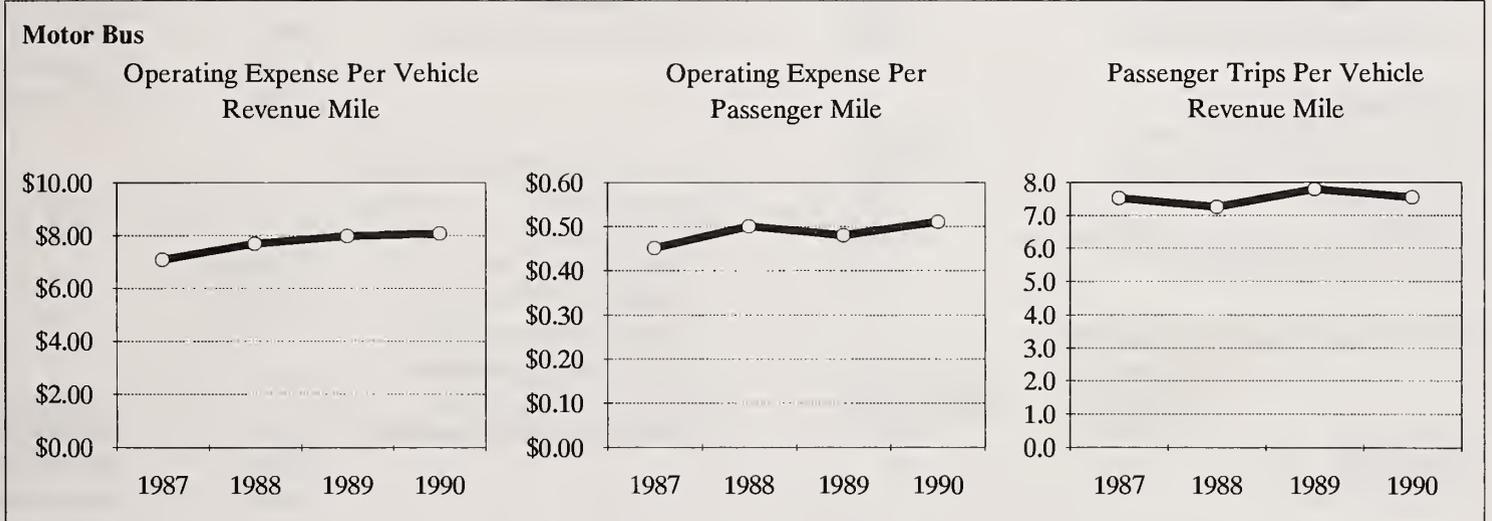
Operating Expense/Vehicle Revenue Hour	\$75.17	\$61.89	\$150.83	\$126.93
Operating Expense/Vehicle Revenue Mile	\$8.07	\$8.32	\$14.20	\$29.65

Cost Effectiveness

Operating Expense/Unlinked Passenger Trip	\$1.07	\$0.71	\$1.45	\$1.60
Operating Expense/Passenger Mile	\$0.51	\$0.51	\$0.53	\$1.41

Service Effectiveness

Unlinked Passenger Trips/Vehicle Revenue Hour	70.2	87.3	104.4	79.4
Unlinked Passenger Trips/Vehicle Revenue Mile	7.5	11.7	9.8	18.6



Santa Clara County Transit District (SCCTD)

1555 Berger Drive, Bldg 2
San Jose, CA 95112
(408)299-3713

Chief Executive Officer: Lawrence G. Reuter,
Director

Section 15 ID Number: 9013

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

San Jose, CA	
Square Miles	338
Population	1,435,019
Population Ranking Out of 405 UZA's	23

Service Area Statistics

Square Miles	300
Population	1,136,614

Service Consumption

Annual Unlinked Trips	45,722,582
Annual Passenger Miles	188,162,482
Average Weekday Unlinked Trips	163,478
Average Saturday Unlinked Trips	52,730
Average Sunday Unlinked Trips	23,803

Service Supplied

Annual Vehicle Revenue Miles	20,088,523
Annual Vehicle Revenue Hours	1,438,552
Total Fleet	561
Vehicles Operated in Maximum Service	425
Base Period Requirement	270

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	415	0
Light Rail	10	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$13,804,016
Local Assistance		58,261
State Assistance		43,090,684
Federal Assistance		6,313,044
Other Revenues		105,706,148
Total Operating Funds	(1990)	\$168,972,153
	(1989)	\$133,821,168
	(1988)	\$130,562,831

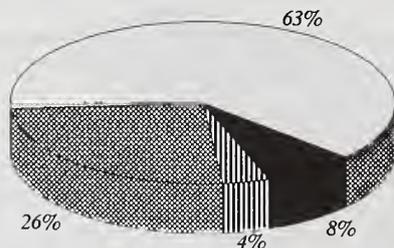
Summary of Operating Expenses

Salaries/Wages/Benefits		\$92,307,077
Materials & Supplies		14,339,985
Purchased Transportation		4,281,554
Other Expenses		15,181,070
Total Operating Expenses	(1990)	\$126,109,686
	(1989)	\$115,811,616
	(1988)	\$110,746,003

Sources of Capital Funds Expended

Local Assistance		\$1,933,149
State Assistance		5,926,812
UMTA Sec. 3 Discretionary	\$38,306,460	
UMTA Sec. 9 Formula	1,322,893	
UMTA Other Assistance	0	
Other Federal Assistance	0	
Federal Assistance Total		39,629,353
Total Capital Funds Expended	(1990)	\$47,489,314
	(1989)	\$50,944,735
	(1988)	\$80,635,394

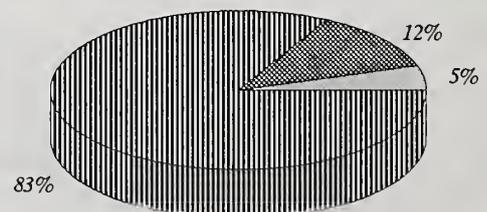
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Santa Clara County Transit District (SCCTD)

Characteristics

	Motor Bus	Light Rail
Operating Expense	\$109,602,526	\$12,225,606
Annual Unlinked Trips	43,290,284	2,432,298
Annual Passenger Miles	180,635,719	7,526,763
Average Weekday Unlinked Trips	155,504	7,974
Annual Vehicle Revenue Hours	1,394,455	44,097
Annual Vehicle Revenue Miles	19,535,878	552,645
Fixed Guideway Directional Route Miles	55.2	17.4
Total Fleet	508	53
Vehicles Operated in Maximum Service	415	10
Peak to Base Ratio	1.6	0.8
Spare Ratio	22%	430%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$78.60	\$277.24
Operating Expense/Vehicle Revenue Mile	\$5.61	\$22.12

Cost Effectiveness

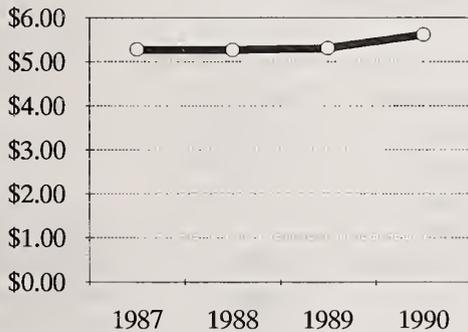
Operating Expense/Unlinked Passenger Trip	\$2.53	\$5.03
Operating Expense/Passenger Mile	\$0.61	\$1.62

Service Effectiveness

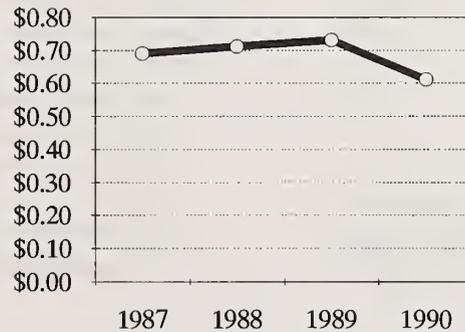
Unlinked Passenger Trips/Vehicle Revenue Hour	31.0	55.2
Unlinked Passenger Trips/Vehicle Revenue Mile	2.2	4.4

Motor Bus

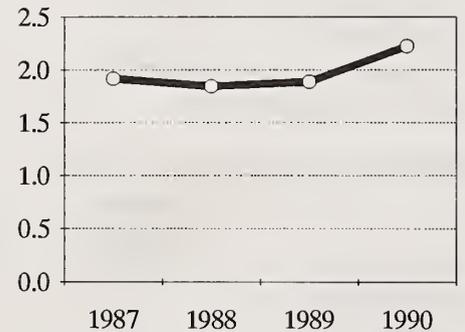
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

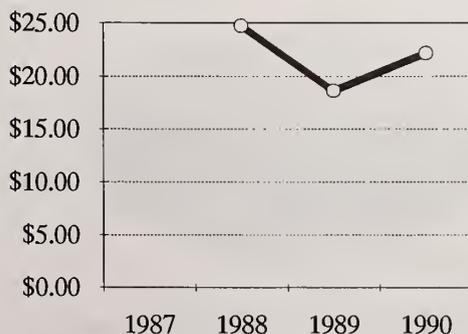


Passenger Trips Per Vehicle Revenue Mile

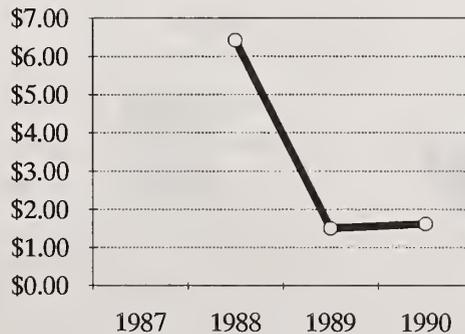


Light Rail

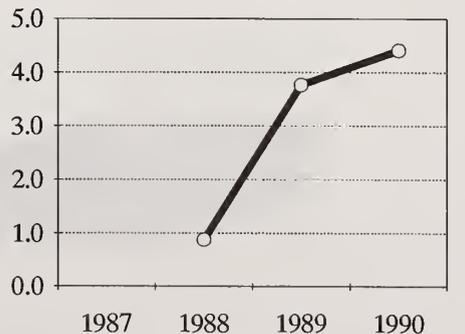
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Municipality of Metropolitan Seattle (Metro)

821 Second Avenue (M/S-74)
Seattle, WA 98104
(206)684-1113

Chief Executive Officer: Richard K. Sandaas,
Executive Director

Section 15 ID Number: 0001

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Seattle, WA	
Square Miles	588
Population	1,744,086
Population Ranking Out of 405 UZA's	18

Service Area Statistics

Square Miles	3,913
Population	2,473,740

Service Consumption

Annual Unlinked Trips	80,317,915
Annual Passenger Miles	445,581,499
Average Weekday Unlinked Trips	270,468
Average Saturday Unlinked Trips	129,508
Average Sunday Unlinked Trips	80,006

Service Supplied

Annual Vehicle Revenue Miles	32,738,184
Annual Vehicle Revenue Hours	1,952,057
Total Fleet	1,773
Vehicles Operated in Maximum Service	1,552
Base Period Requirement	620

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	850	28
Demand Response	0	288
Vanpool	274	0
Trolleybus	109	0
Light Rail	3	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$37,814,552
Local Assistance		0
State Assistance		62,873,980
Federal Assistance		5,631,469
Other Revenues		150,838,280
Total Operating Funds	(1990)	\$257,158,281
	(1989)	\$234,228,210
	(1988)	\$204,140,869

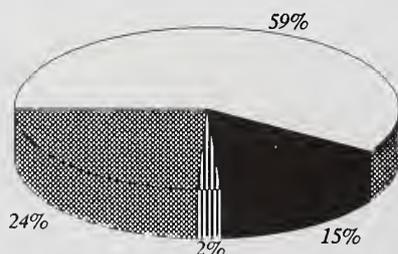
Summary of Operating Expenses

Salaries/Wages/Benefits		\$125,312,811
Materials & Supplies		23,359,946
Purchased Transportation		4,229,078
Other Expenses		16,643,270
Total Operating Expenses	(1990)	\$169,545,105
	(1989)	\$153,384,767
	(1988)	\$145,786,605

Sources of Capital Funds Expended

Local Assistance		\$59,717,150
State Assistance		972,324
UMTA Sec. 3 Discretionary	\$4,000,259	
UMTA Sec. 9 Formula	47,871,883	
UMTA Other Assistance	34,204	
Other Federal Assistance	0	
Federal Assistance Total		51,906,346
Total Capital Funds Expended	(1990)	\$112,595,820
	(1989)	\$97,219,149
	(1988)	\$74,843,435

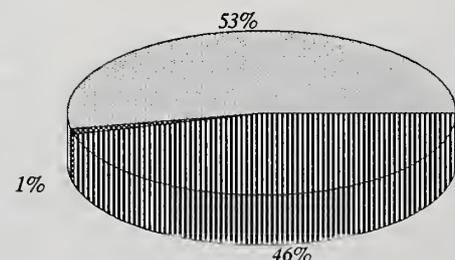
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Municipality of Metropolitan Seattle (Metro)

Characteristics	Motor Bus	Trolleybus	Vanpool	Demand Response
Operating Expense	\$139,869,889	\$23,207,953	\$2,963,143	\$2,757,991
Annual Unlinked Trips	58,029,469	20,774,061	1,120,618	244,973
Annual Passenger Miles	373,249,830	39,238,369	31,001,220	1,949,101
Average Weekday Unlinked Trips	199,107	66,445	4,412	0
Annual Vehicle Revenue Hours	1,523,230	315,829	105,460	0
Annual Vehicle Revenue Miles	25,180,822	2,677,498	3,583,936	1,266,566
Fixed Guideway Directional Route Miles	47.1	112.6	0.0	0.0
Total Fleet	967	155	359	288
Vehicles Operated in Maximum Service	878	109	274	288
Peak to Base Ratio	3.2	1.4	N/A	N/A
Spare Ratio	10%	42%	31%	0%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$91.82	\$73.48	\$28.10	\$0.00
Operating Expense/Vehicle Revenue Mile	\$5.55	\$8.67	\$0.83	\$2.18

Cost Effectiveness

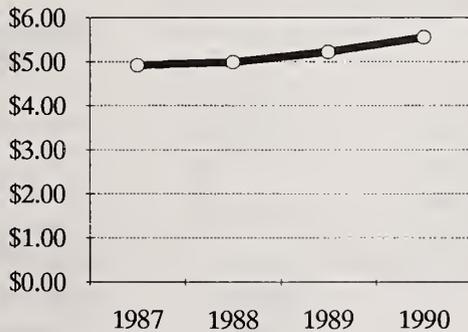
Operating Expense/Unlinked Passenger Trip	\$2.41	\$1.12	\$2.64	\$11.26
Operating Expense/Passenger Mile	\$0.37	\$0.59	\$0.10	\$1.42

Service Effectiveness

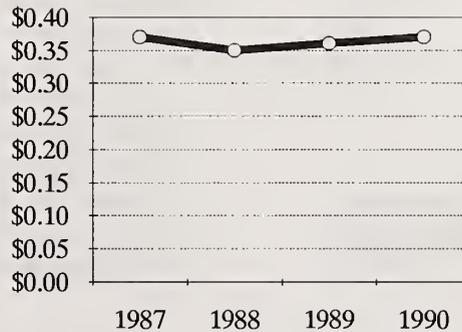
Unlinked Passenger Trips/Vehicle Revenue Hour	38.1	65.8	10.6	0.0
Unlinked Passenger Trips/Vehicle Revenue Mile	2.3	7.8	0.3	0.2

Motor Bus

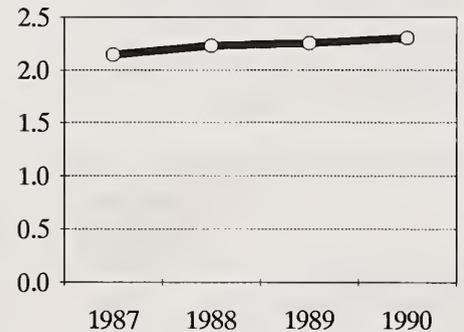
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

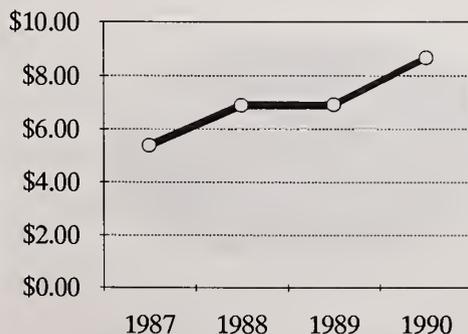


Passenger Trips Per Vehicle Revenue Mile

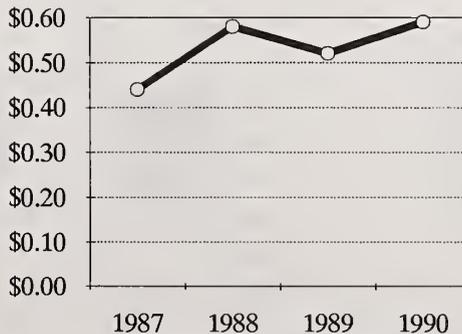


Trolleybus

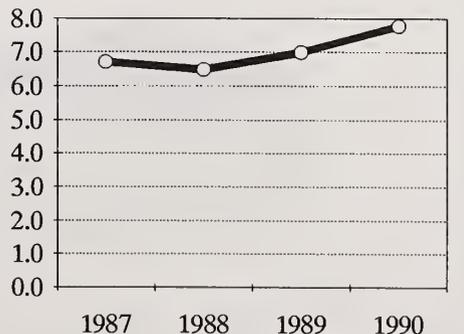
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Bi-State Development Agency (Bi-State)

707 North First Street
St. Louis, MO 63102
(314)982-1570

Chief Executive Officer: John K. Leary, Jr.,
Executive Director

Section 15 ID Number: 7006

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

St. Louis, MO--IL

Square Miles	728
Population	1,946,526
Population Ranking Out of 405 UZA's	15

Service Area Statistics

Square Miles	3,580
Population	2,307,900

Service Consumption

Annual Unlinked Trips	44,577,653
Annual Passenger Miles	193,981,847
Average Weekday Unlinked Trips	162,938
Average Saturday Unlinked Trips	49,223
Average Sunday Unlinked Trips	4,912

Service Supplied

Annual Vehicle Revenue Miles	19,605,339
Annual Vehicle Revenue Hours	1,320,579
Total Fleet	711
Vehicles Operated in Maximum Service	612
Base Period Requirement	300

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	565	10
Demand Response	25	12

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$23,069,014
Local Assistance	56,230,292
State Assistance	0
Federal Assistance	10,220,609
Other Revenues	4,706,658
Total Operating Funds	(1990) \$94,226,573
	(1989) \$92,670,980
	(1988) \$91,247,694

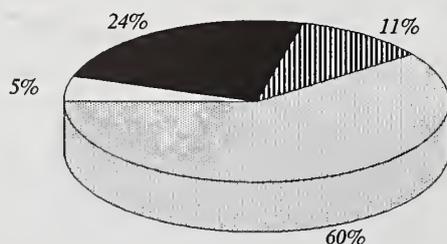
Summary of Operating Expenses

Salaries/Wages/Benefits	\$66,827,045
Materials & Supplies	12,801,193
Purchased Transportation	1,272,405
Other Expenses	11,259,607
Total Operating Expenses	(1990) \$92,160,250
	(1989) \$90,674,951
	(1988) \$89,532,788

Sources of Capital Funds Expended

Local Assistance	\$2,608,698
State Assistance	68,954
UMTA Sec. 3 Discretionary	\$15,566,165
UMTA Sec. 9 Formula	10,245,899
UMTA Other Assistance	0
Other Federal Assistance	0
Federal Assistance Total	25,812,064
Total Capital Funds Expended	(1990) \$28,489,716
	(1989) \$18,049,514
	(1988) \$3,200,436

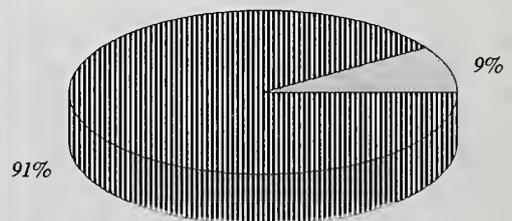
Sources of Operating Funds



Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended



Bi-State Development Agency (Bi-State)

Characteristics

	Motor Bus	Demand Response
Operating Expense	\$88,902,890	\$3,257,360
Annual Unlinked Trips	44,350,361	227,292
Annual Passenger Miles	192,047,717	1,934,130
Average Weekday Unlinked Trips	162,044	894
Annual Vehicle Revenue Hours	1,241,948	78,631
Annual Vehicle Revenue Miles	18,126,969	1,478,370
Fixed Guideway Directional Route Miles	16.7	0.0
Total Fleet	670	41
Vehicles Operated in Maximum Service	575	37
Peak to Base Ratio	2.1	N/A
Spare Ratio	17%	11%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$71.58	\$41.43
Operating Expense/Vehicle Revenue Mile	\$4.90	\$2.20

Cost Effectiveness

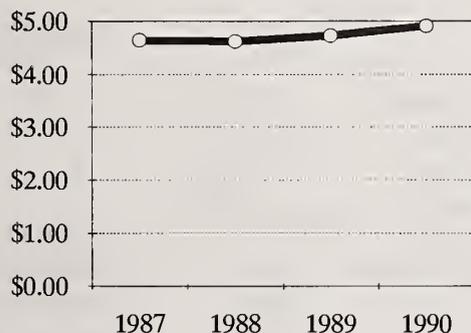
Operating Expense/Unlinked Passenger Trip	\$2.00	\$14.33
Operating Expense/Passenger Mile	\$0.46	\$1.68

Service Effectiveness

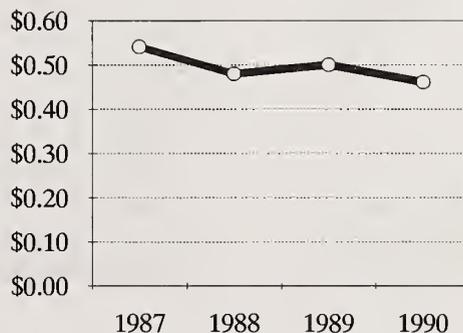
Unlinked Passenger Trips/Vehicle Revenue Hour	35.7	2.9
Unlinked Passenger Trips/Vehicle Revenue Mile	2.5	0.2

Motor Bus

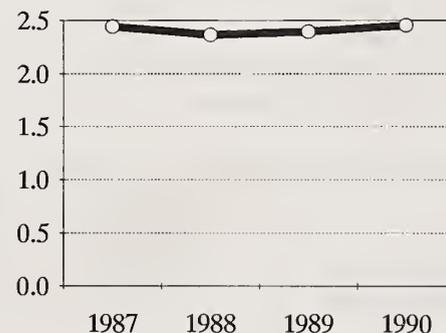
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

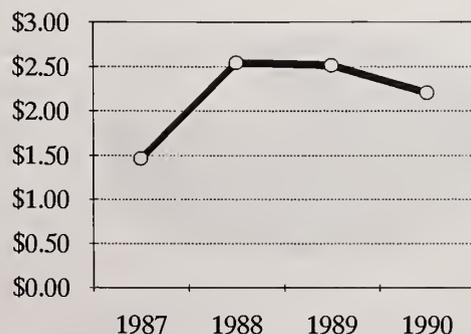


Passenger Trips Per Vehicle Revenue Mile



Demand Response

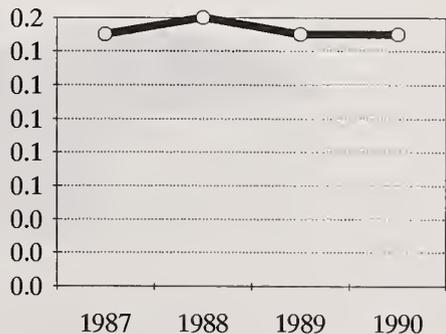
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Washington Metropolitan Area Transit Authority (WMATA)

600 Fifth Street, N.W.
Washington, DC 20001
(202)962-1603

Chief Executive Officer: David Gunn,
General Manager

Section 15 ID Number: 3030

General Information (System Wide)

Urbanized Area (UZA) Statistics - 1990 Census

Washington, DC--MD--VA	
Square Miles	945
Population	3,363,031
Population Ranking Out of 405 UZA's	7

Service Area Statistics

Square Miles	1,486
Population	3,005,757

Service Consumption

Annual Unlinked Trips	357,508,191
Annual Passenger Miles	1,557,875,093
Average Weekday Unlinked Trips	1,238,831
Average Saturday Unlinked Trips	502,611
Average Sunday Unlinked Trips	319,450

Service Supplied

Annual Vehicle Revenue Miles	73,403,129
Annual Vehicle Revenue Hours	5,058,706
Total Fleet	2,294
Vehicles Operated in Maximum Service	1,888
Base Period Requirement	647

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Motor Bus	1,410	0
Heavy Rail	478	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares		\$264,383,314
Local Assistance		158,528,890
State Assistance		101,039,186
Federal Assistance		52,193,209
Other Revenues		19,509,253
Total Operating Funds	(1990)	\$595,653,852
	(1989)	\$591,078,511
	(1988)	\$587,684,949

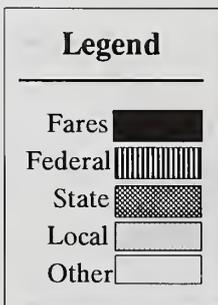
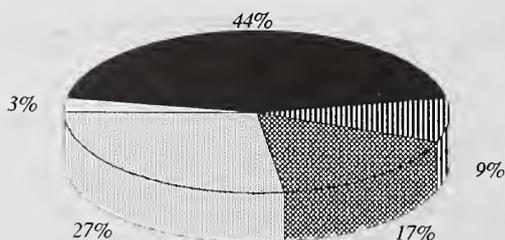
Summary of Operating Expenses

Salaries/Wages/Benefits		\$398,604,884
Materials & Supplies		48,219,990
Purchased Transportation		0
Other Expenses		69,302,619
Total Operating Expenses	(1990)	\$516,127,493
	(1989)	\$509,464,324
	(1988)	\$504,863,005

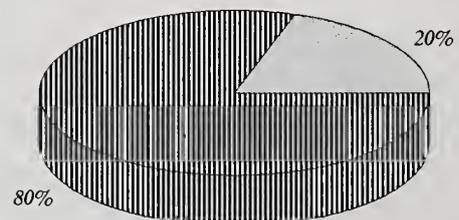
Sources of Capital Funds Expended

Local Assistance		\$68,838,856
State Assistance		427,625
UMTA Sec. 3 Discretionary	\$922,072	
UMTA Sec. 9 Formula	35,308,157	
UMTA Other Assistance	242,675,049	
Other Federal Assistance	87,469	
Federal Assistance Total		278,992,747
Total Capital Funds Expended	(1990)	\$348,259,228
	(1989)	\$298,519,338
	(1988)	\$290,120,936

Sources of Operating Funds



Sources of Capital Funds Expended



Washington Metropolitan Area Transit Authority (WMATA)

Characteristics

	Motor Bus	Heavy Rail
Operating Expense	\$272,655,461	\$243,472,032
Annual Unlinked Trips	175,502,340	182,005,851
Annual Passenger Miles	563,688,216	994,186,877
Average Weekday Unlinked Trips	601,504	637,327
Annual Vehicle Revenue Hours	3,577,206	1,481,500
Annual Vehicle Revenue Miles	40,191,125	33,212,004
Fixed Guideway Directional Route Miles	39.3	139.1
Total Fleet	1,630	664
Vehicles Operated in Maximum Service	1,410	478
Peak to Base Ratio	2.8	2.6
Spare Ratio	16%	39%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$76.22	\$164.34
Operating Expense/Vehicle Revenue Mile	\$6.78	\$7.33

Cost Effectiveness

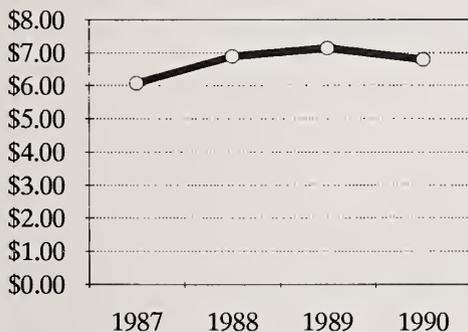
Operating Expense/Unlinked Passenger Trip	\$1.55	\$1.34
Operating Expense/Passenger Mile	\$0.48	\$0.24

Service Effectiveness

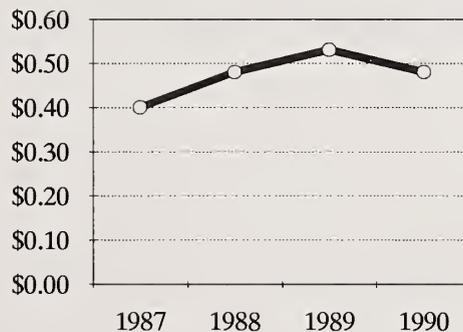
Unlinked Passenger Trips/Vehicle Revenue Hour	49.1	122.9
Unlinked Passenger Trips/Vehicle Revenue Mile	4.4	5.5

Motor Bus

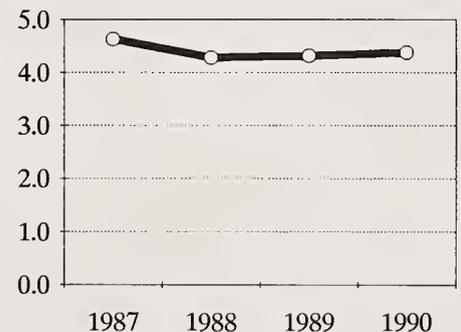
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

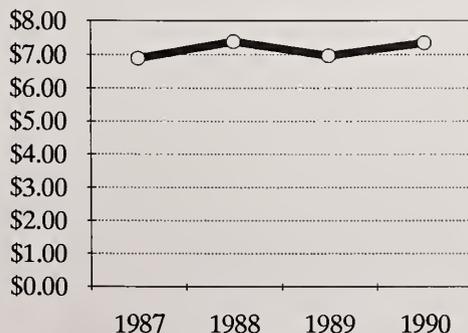


Passenger Trips Per Vehicle Revenue Mile

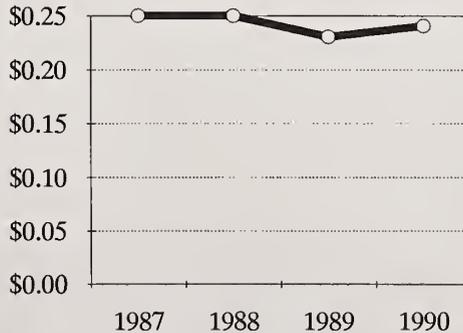


Heavy Rail

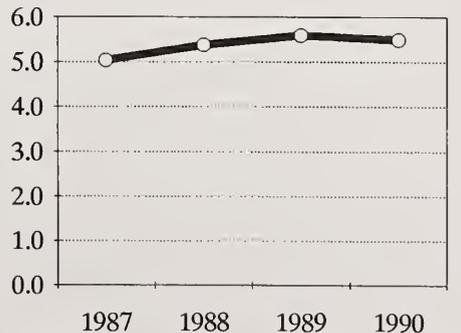
Operating Expense Per Vehicle Revenue Mile



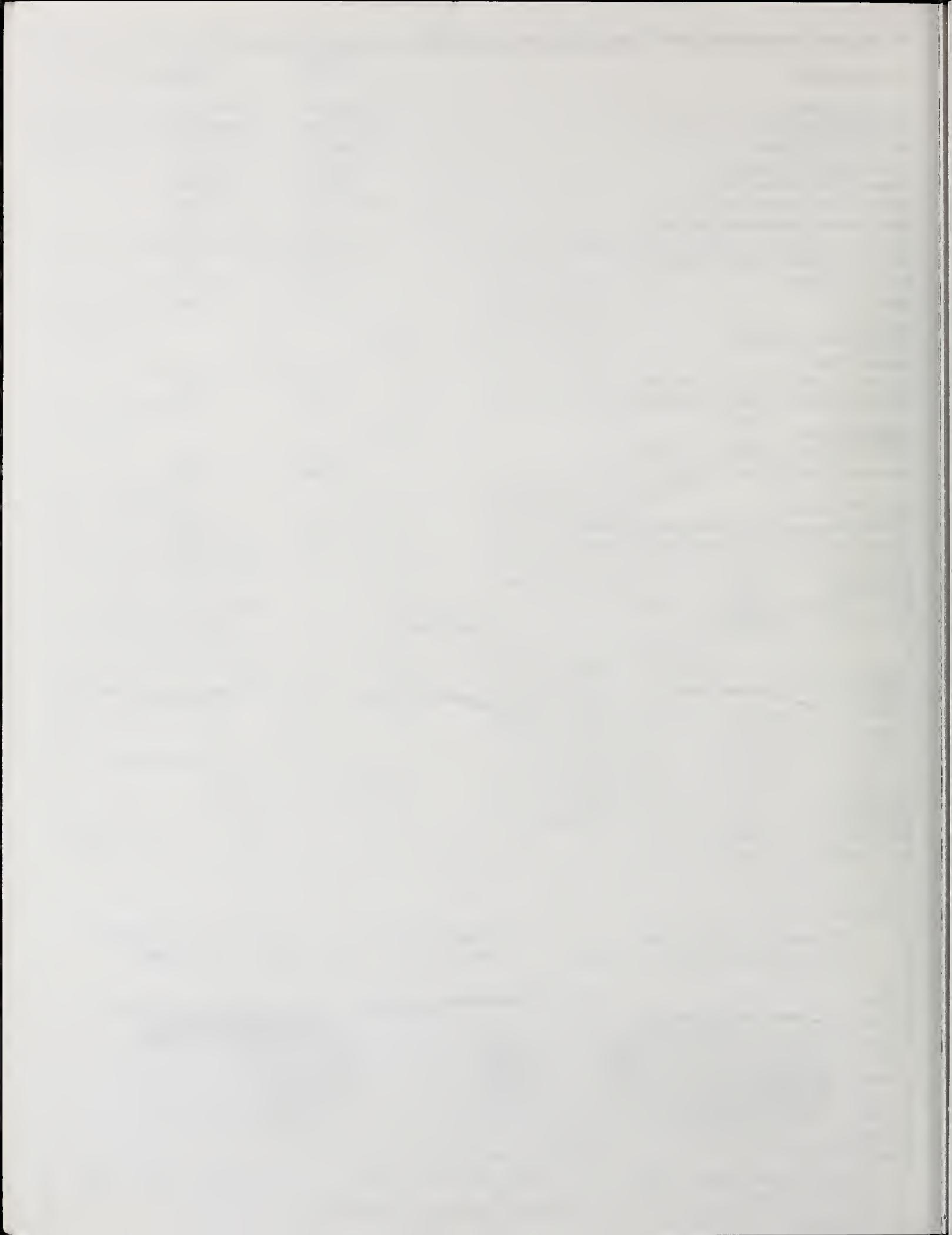
Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile



Source: 1990 Section 15 Annual Report



**Transit Profiles, The Thirty Largest Agencies
for the 1990 Section 15 Report Year**

**Appendix A
Average of the Thirty Largest Agencies**

Average of the Thirty Largest Agencies For the 1990 Section 15 Report Year

General Information (System Wide)

Service Consumption

Annual Unlinked Trips	209,774,333
Annual Passenger Miles	1,013,784,110
Average Weekday Unlinked Trips	692,022
Average Saturday Unlinked Trips	362,496
Average Sunday Unlinked Trips	231,239

Service Supplied

Annual Vehicle Revenue Miles	54,278,810
Annual Vehicle Revenue Hours	3,606,966
Total Fleet	1,624
Vehicles Operated in Maximum Service	1,316
Base Period Requirement	680

Vehicles Operated in Maximum Service

	Directly Operated	Purchased Transportation
Demand Response	31	124
Ferry Boat	0	6
Motorbus	874	118
Trolleybus	114	0
Vanpool	140	0
Automated Guideway	9	0
Cable Car	26	0
Commuter Rail	605	289
Inclined Plane	2	2
Rapid Rail	750	0
Streetcar/Light Rail	61	0

Financial Information (System Wide)

Sources of Operating Funds

Passenger Fares	\$157,630,180
Local Assistance	92,382,919
State Assistance	75,438,990
Federal Assistance	15,205,078
Other Revenues	56,270,995
Total Operating Funds	(1990) \$396,928,162
	(1989) \$348,916,878
	(1988) \$345,651,565

Summary of Operating Expenses

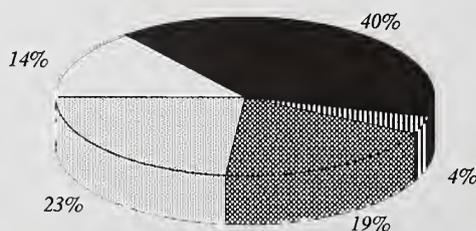
Salaries/Wages/Benefits	\$277,142,433
Materials & Supplies	34,250,543
Purchased Transportation	14,916,435
Other Expenses	42,090,461
Total Operating Expenses	(1990) \$368,399,871
	(1989) \$350,128,866
	(1988) \$333,131,401

Sources of Capital Funds Expended

Local Assistance	\$34,201,842
State Assistance	16,671,325
UMTA Sec. 3 Discretionary	\$24,753,328
UMTA Sec. 9 Formula	31,133,836
UMTA Other Assistance	14,070,169
Other Federal Assistance	2,012,491
Federal Assistance Total	71,969,825
Total Capital Funds Expended	(1990) \$122,842,992
	(1989) \$94,655,446
	(1988) \$92,460,571

Sources of Operating Funds

(30 Agency Average)

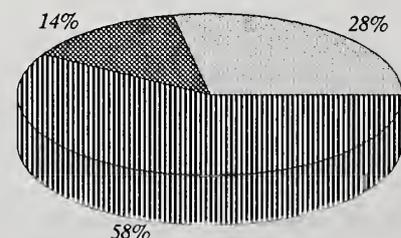


Legend

Fares	
Federal	
State	
Local	
Other	

Sources of Capital Funds Expended

(30 Agency Average)



Average of the Thirty Largest Agencies For the 1990 Section 15 Report Year

Characteristics

	Motorbus	Heavy Rail
Operating Expense	\$190,665,597	\$345,770,664
Annual Unlinked Trips	129,333,444	212,264,677
Annual Passenger Miles	448,943,966	1,034,106,464
Average Weekday Unlinked Trips	427,547	704,757
Annual Vehicle Revenue Hours	2,680,583	2,374,470
Annual Vehicle Revenue Miles	32,494,915	46,982,240
Fixed Guideway Directional Route Miles	18.2	119.9
Total Fleet	1,110	927
Vehicles Operated in Maximum Service	913	750
Peak to Base Ratio	1.9	1.8
Spare Ratio	22%	24%

Performance Measures

Service Efficiency

Operating Expense/Vehicle Revenue Hour	\$71.13	\$145.62
Operating Expense/Vehicle Revenue Mile	\$5.87	\$7.36

Cost Effectiveness

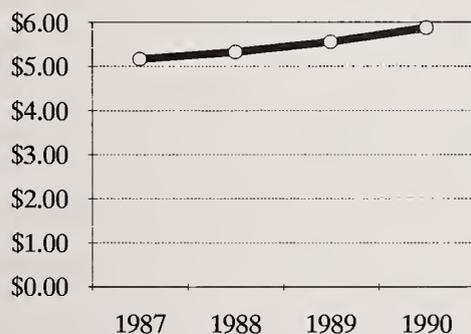
Operating Expense/Unlinked Passenger Trip	\$1.47	\$1.63
Operating Expense/Passenger Mile	\$0.42	\$0.33

Service Effectiveness

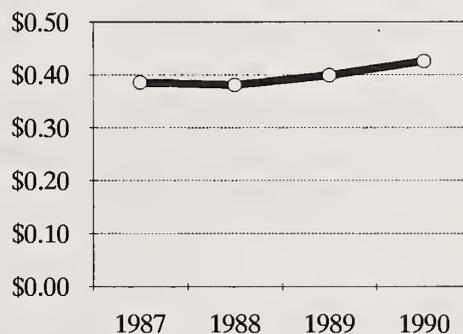
Unlinked Passenger Trips/Vehicle Revenue Hour	48.2	89.4
Unlinked Passenger Trips/Vehicle Revenue Mile	4.0	4.5

Motorbus

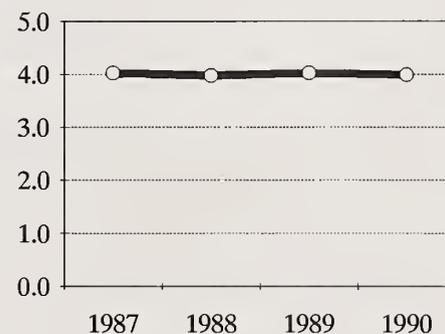
Operating Expense Per Vehicle Revenue Mile



Operating Expense Per Passenger Mile

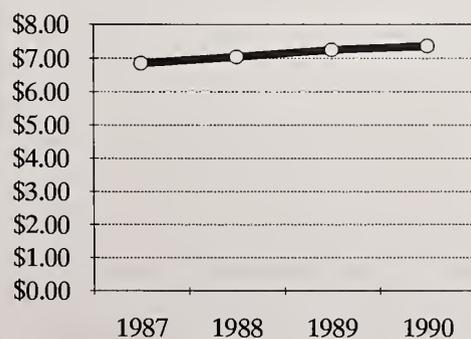


Passenger Trips Per Vehicle Revenue Mile

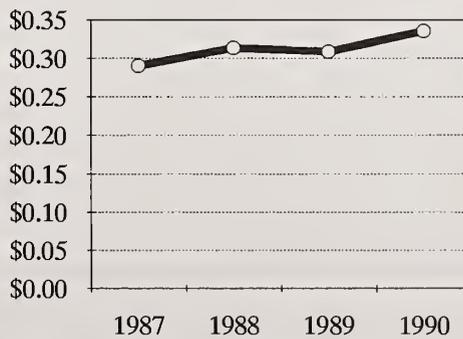


Heavy Rail

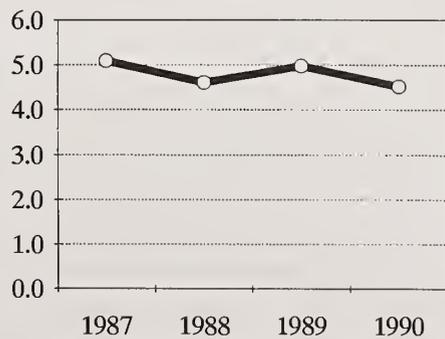
Operating Expense Per Vehicle Revenue Mile

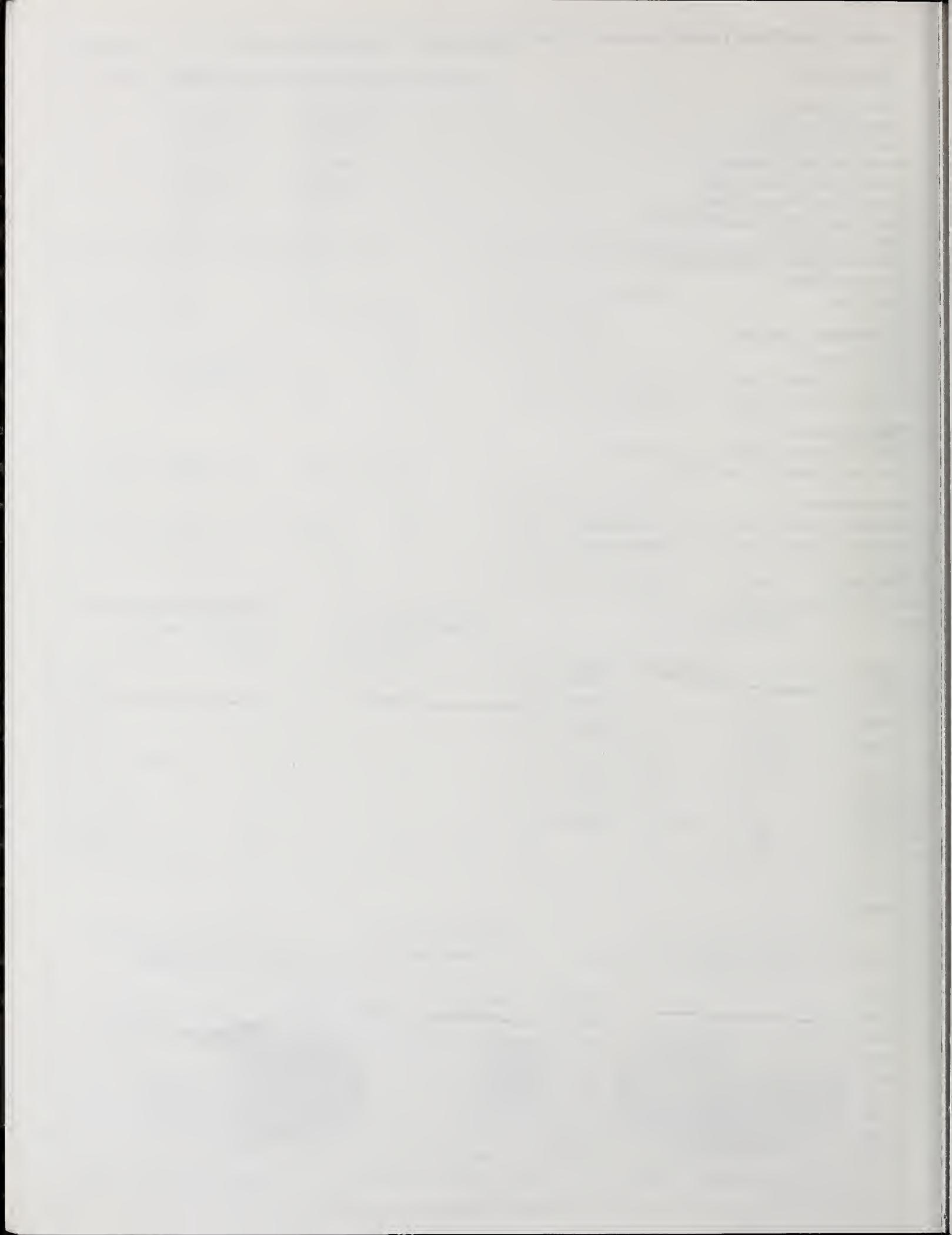


Operating Expense Per Passenger Mile



Passenger Trips Per Vehicle Revenue Mile





**Transit Profiles, The Thirty Largest Agencies
for the 1990 Section 15 Report Year**

**Appendix B
Cross Reference Table**

**Location of Data Items from Section 15 Reports
for the
Thirty (30) Largest Agencies
Based on Level of Reporting - R (Required Level)
1990 Report Year**

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

System Wide Information

(All modes, directly operated service plus purchased service where the purchased provider may or may not file a separate report depending on whether the purchased transportation provider has greater than 50 vehicles in maximum service.)

Data Item

1. Agency Name, Address, Phone and ID Number

Location in Section 15 Report

Form 001 (Transit System Identification Schedule), ID Number.
Data items 1, and 2 (Transit System Name, Acronym, and Address).

2. Chief Executive Officer

Location in Section 15 Report

CEO Certification and updated, as necessary, from trade publications prior to the date of publication

3. Purchased Transportation Provider

Location in Section 15 Report

Form 002 (Contractual Relationship Identification Schedule) In 1, & Data items 4, and 5 (Type of Agency, and Nature of Contractual Relationship).

4. (1990 Census) Urbanized Area Statistics, Square Miles, Population and Rank *

Bureau of Census data as provided to the Urban Mass Transportation Administration.

5. Service Area Statistics, Square Miles, and Population *

Location in Section 15 Report

MPO Statement

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

Service Consumption

Data Item

6. Annual Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 12, col i +
Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 13, col i.

7. Annual Passenger Miles *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 13, col i +
Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 14, col i.

8. Average Weekday Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 12, col f +
Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 13, col f.

9. Average Saturday Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) ln 12, col g +
Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) ln 13, col g.

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

10. Average Sunday Unlinked Trips *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) In 12, col h +
Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) In 13, col h.

Service Characteristics

Data Item

11. Annual Vehicle Revenue Miles *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) In 04, col i +
Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) In 08, col i.

12. Annual Vehicle Revenue Hours *

Location in Section 15 Report

- Σ Form 406 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Non-Rail Mode) In 06, col i +
Σ Form 407 (Transit System Service Supplied, Service Consumed, Service Personnel, & Service Operated Schedule - Rail Mode) In 11, col i.

13. Total Fleet *

Location in Section 15 Report

- Σ Form 003 (Maximum Service Vehicles Summary Schedule - Directly Operated) col f +
Σ Form 004 (Maximum Service Vehicles Summary Schedule - Purchased Transportation) col f.

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

14. Vehicles Operated in Maximum Service *

Location in Section 15 Report

Σ Form 003 (Maximum Service Vehicles Summary Schedule - Directly Operated)
col e +

Σ Form 004 (Maximum Service Vehicles Summary Schedule - Purchased
Transportation) col e.

15. Base Period Requirement *

Location in Section 15 Report

Σ Form 406 (Transit System Service Supplied, Service Consumed, Service
Personnel, & Service Operated Schedule - Non-Rail Mode) ln 01, col c +

Σ Form 407 (Transit System Service Supplied, Service Consumed, Service
Personnel, & Service Operated Schedule - Rail Mode) ln 02, col c.

Note: If col c = 0, use col f.

Vehicles Operated in Maximum Service Characteristics

Data Item

16. Mode, Type of Service, and Vehicles *

Location in Section 15 Report

Form 003 (Maximum Service Vehicles Summary Schedule - Directly Operated)
and

Form 004 (Maximum Service Vehicles Summary Schedule - Purchased Transporta-
tion) col e (vehicles) and col b (mode).

Sources of Operating Funds

Data Item

17. Passenger Fares *

Location in Section 15 Report

Form 201 (Revenue Summary Schedule) Σ(ln 01 and 02, col c) .

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

**Transit Profiles, The Thirty Largest Agencies
for the 1990 Section 15 Report Year**

18. Local Assistance *

Location in Section 15 Report

Form 201 (Revenue Summary Schedule) Σ (ln 09 and 10, col c).

19. State Assistance *

Location in Section 15 Report

Form 201 (Revenue Summary Schedule) Σ (ln 11 and 12, col c).

20. Federal Assistance *

Location in Section 15 Report

Form 201 (Revenue Summary Schedule) ln 13, col c.

21. Other Revenues *

Computed

Difference of Total Operating Funds, Passenger Fares, Local, State and Federal Assistance.

Note: Other Revenues do not include miscellaneous funds. This data is reported separately on Form 203 (Revenue Subsidiary Schedule - Sources of Public Assistance), ln 16, columns b and c.

22. Total Operating Funds *
(1990, 1989, 1988)

Location in Section 15 Report

Form 201 (Revenue Summary Schedule) ln 17, col c.

Note: If Sources of Operating Funds indicates more than 50% Federal operating assistance, it is because miscellaneous funds are not recorded on Form 201 (Revenue Summary); or, because of other Federal financial assistance which is not restricted to a maximum 50% participation is provided.

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

Summary of Operating Expenses

Data Item

23. Salaries/Wages/Benefits

Location in Section 15 Report

Form 301 (Expenses Classified By Function) Σ (ln 01, 02, and 03, col f) *or*
Form 310 (Expenses Classified By Function) pg 1 Σ (ln 01, 02, and 03, col f).

24. Materials/Supplies

Location in Section 15 Report

Form 301 (Expenses Classified By Function) Σ (ln 05, 06, and 07, col f) *or*
Form 310 (Expenses Classified By Function) pg 1 Σ (ln 05, 06, and 07, col f).

25. Purchased Transportation

Location in Section 15 Report

Form 301 (Expenses Classified By Function) ln 11, and ln 12 col f *or*
Form 310 (Expenses Classified By Function) pg 1, ln 11, and ln 12 col f.

26. Other Expenses

Location in Section 15 Report

Form 301 (Expenses Classified By Function) Σ (ln 04, 08, 09, 10, 13, and 14, col f)
or
Form 310 (Expenses Classified By Function) pg 1 Σ (ln 04, 08, 09, 10, 13, and 14,
col f).

27. Total Operating Expenses (Total System Expenses) (1990, 1989, 1988)

Location in Section 15 Report

Form 301 (Expenses Classified By Function) Σ (ln 15, col f) *or*
Form 310 (Expenses Classified By Function) pg 1 Σ (ln 15, col f) *or*
Form 315 (System Summary By Object Class) pg 2 Σ (ln 27 col b).

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

Sources of Capital Funds Expended

Data Item

28. Local Assistance *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
ln 19, col c + ln 20, col c.

29. State Assistance *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
ln 19, col b + ln 20, col b.

30. UMTA Section 3 Discretionary *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
ln 1, col c.

31. UMTA Section 9 Formula *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
ln 02, col c.

32. UMTA Other Assistance *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
ln 03, col c.

33. Other Federal Assistance *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
 Σ (ln 05 and 06, col c).

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

**Transit Profiles, The Thirty Largest Agencies
for the 1990 Section 15 Report Year**

34. Federal Assistance Total *

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
ln 07, col c.

35. Total Capital Funds Expended *
(1990, 1989, 1988)

Location in Section 15 Report

Form 103 (Capital Subsidiary Schedule - Sources of Public Capital Assistance)
ln 07, col c + ln 19 (col b and col c) + ln 20, (col b and col c).

Note: If Sources of Capital Funds Expended indicates more than 80% Federal share, it is because Federal funds other than Section 9 UMTA have been included.

Mode Level Information

(Maximum of four modes are summarized. Data is reported by mode with first priority to Motorbus (MB) and second priority to Heavy Rail (HR). All other modes are listed in descending order of their operating expenses. Mode data includes directly operated service including purchased service where the purchased provider does not file a separate report).

Characteristics

Data Item

36. Operating Expense *

Location in Section 15 Report

Form 301 (Expenses Classified by Function) ln 15, col f or
Form 310 (Direct, Joint, and Total Expenses by Object Class and Mode)
Σ pg 2 through pg 5 ln 99, "mode."

Note: Modal information does not include reconciling items and memo items; data is not reported by mode.

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

37. Annual Unlinked Trips *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) In 12, col i *or*
Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) In 13, col i.

38. Annual Passenger Miles *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) In 13, col i *or*
Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) In 14, col i.

39. Average Weekday Unlinked Trips *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) In 12, col f *or*
Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) In 13, col f.

40. Annual Vehicle Revenue Hours *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) In 06, col i *or*
Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) In 11, col i.

41. Annual Vehicle Revenue Miles *

Location in Section 15 Report

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) In 04, col i *or*
Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) In 08, col i.

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

**Transit Profiles, The Thirty Largest Agencies
for the 1990 Section 15 Report Year**

42. Fixed-Guideway Directional Route Miles (FG) *

Location in Section 15 Report

- Σ Form 403 (Transit Way Mileage Schedule) ln 09, col c or
- Σ Form 403 (Transit Way Mileage Schedule) ln 18, col c or
- Σ Form 403 (Transit Way Mileage Schedule) ln 27, col c or
- Σ Form 403 (Transit Way Mileage Schedule) ln 29, col c or
- Σ Form 403 (Transit Way Mileage Schedule) ln 31, col c or
- Σ Form 403 (Transit Way Mileage Schedule) ln 33, col c or
- Σ Form 403 (Transit Way Mileage Schedule) ln 34, col (c+d) or
- Σ Form 403 (Transit Way Mileage Schedule) ln 35, col (c+d) or
- Σ Form 403 (Transit Way Mileage Schedule) ln 36, col (c+d) or
- Σ Form 403 (Transit Way Mileage Schedule) ln 37, col (c+d) or
- Σ Form 403 (Transit Way Mileage Schedule) ln 38, col (c+d).

43. Total Fleet *

Location in Section 15 Report

"Mode" Σ "vehicle type"

- Form 003 (Maximum Service Vehicles Summary Schedule - Directly Operated)
and
- Form 004 (Maximum Service Vehicles Summary Schedule - Purchased Transportation) col f.

44. Vehicles Operated in Maximum Service *

Location in Section 15 Report

- Σ Form 003 (Maximum Service Vehicles Summary Schedule - Directly Operated) col e +
- Σ Form 004 (Maximum Service Vehicles Summary Schedule - Purchased Transportation) col e.

45. Peak to Base Ratio *

Location in Section 15 Report

- Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Non-Rail Modes) ln 01, col b or d whichever is greater or
- Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) ln 02, col b or d whichever is greater. ÷

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

Transit Profiles, The Thirty Largest Agencies for the 1990 Section 15 Report Year

Σ "mode" Form 406 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule Non-Rail Modes) In 01, col c or
Σ "mode" Form 407 (Transit System Service Supplied, Services Consumed, Service Personnel, and Service Operated Schedule - Rail Modes) In 02, col c.

Note: If col c = 0, use col f.

46. Spare Ratio *

Computed

Item 43 ÷ Item 44

Performance Measures

Service Efficiency

Data Item

47. Operating Expense/Vehicle Revenue Hours.

Computed

Item 36 ÷ Item 40

48. Operating Expense/Vehicle Revenue Mile.

Computed

Item 36 ÷ Item 41

Cost Effectiveness

Data Item

49. Operating Expense/UPT.

Computed

Item 36 ÷ Item 37

* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

**Transit Profiles, The Thirty Largest Agencies
for the 1990 Section 15 Report Year**

50. Operating Expense/Passenger Mile.

Computed

Item 36 ÷ Item 38

Service Effectiveness

Data Item

51. UPT's/Vehicle Revenue Hour.

Computed

Item 37 ÷ Item 40

52. UPT's/Vehicle Revenue Mile.

Computed

Item 37 ÷ Item 41

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* Aggregation of primary and purchased transportation providers. The individual purchased transportation provider reports can be found in the *1990 Transit Profiles, Agencies in Urbanized Areas with a Population Exceeding 200,000 for the 1990 Section 15 Report Year*.

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Section 1: Introduction

Section 2: Methodology

Section 3: Results

Section 4: Discussion

Section 5: Conclusion



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